

E&R ENGINEERING CO., LTD.
AND SUBSIDIARIES
CONSOLIDATED FINANCIAL STATEMENTS
FOR THE YEARS ENDED DECEMBER 31, 2022 AND 2021
AND
INDEPENDENT AUDITORS' REPORT

CONTENTS

Item	Page
1. Cover page	1
2. Contents	2
3. Representation Letter	3
4. Independent auditors' report	4
5. Consolidated balance sheets	5
6. Consolidated statements of comprehensive income	6
7. Consolidated statements of changes in equity	7
8. Consolidated statements of cash flows	8
9. Notes to Consolidated financial statements	
(1) General information	9
(2) The authorization of the consolidated financial statements	9
(3) Application of new and amended standards and interpretations	9~13
(4) Summary of significant accounting policies	13~29
(5) Critical accounting judgments, estimates and key sources of assumption uncertainty	30~33
(6) Contents of significant accounts	33~71
(7) Related party transactions	71~72
(8) Pledged assets	72
(9) Significant contingent liabilities and unrecognized contract commitments	72~73
(10) Significant disaster loss	74
(11) Significant subsequent events	74
(12) Others	74~84
(13) Supplementary disclosures	85
A. Significant transactions information	86~91
B. Information on investees	92
C. Information on investments in Mainland China	93~94
D. Information on Major Shareholders	95
(14) Segment information	96~97

REPRESENTATION LETTER

The entities that are required to be included in the combined financial statements of E&R Engineering Co., Ltd. as of and for the year ended December 31, 2022 under the “Criteria Governing the Preparation of Affiliation Reports, Consolidated Business Reports and Consolidated Financial Statements of Affiliated Enterprises” are the same as those included in the consolidated financial statements prepared in conformity with the International Financial Reporting Standards No.10, “Consolidated Financial Statements.” In addition, the information required to be disclosed in the combined financial statements is included in the consolidated financial statements. Consequently, E&R Engineering Co., Ltd. and Subsidiaries do not prepare a separate set of combined financial statements.

Very truly yours,

E&R Engineering Co., Ltd.

By

Ming-Chin Wang
Chairman

March 7, 2023

INDEPENDENT AUDITORS' REPORT

The Board of Directors and Shareholders
E&R Engineering Co., Ltd.

Opinion

We have audited the accompanying consolidated balance sheets of E&R Engineering Co., Ltd. and its subsidiaries (the "Group") as of December 31, 2022 and 2021, and the related consolidated statements of comprehensive income, changes in equity and cash flows for the years then ended, and the notes to the consolidated financial statements, including a summary of significant accounting policies.

In our opinion, the accompanying consolidated financial statements present fairly, in all material respects, the consolidated financial position of the Group as of December 31, 2022 and 2021, and its consolidated financial performance and its consolidated cash flows for the years then ended in accordance with the Regulations Governing the Preparation of Financial Reports by Securities Issuers.

Basis for Opinion

We conducted our audits in accordance with the Regulations Governing Auditing and Attestation of Financial Statements by Certified Public Accountants and auditing standards in the Republic of China. Our responsibilities under those standards are further described in the Auditors' Responsibilities for the Audit of the consolidated financial statements section of our report. We are independent of the Group in accordance with the Norm of Professional Ethics for Certified Public Accountant of the Republic of China and we have fulfilled our other ethical responsibilities in accordance with these requirements. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our opinion.

Key Audit Matters

Key audit matters are those matters that, in our professional judgment, were of most significance in our audit of the consolidated financial statements for the year ended December 31, 2022. These matters were addressed in the context of our audit of the consolidated financial statements as a whole, and in forming our opinion thereon, we do not provide a separate opinion on these matters.

Key audit matters of the Group's consolidated financial statements for the year ended December 31, 2022 are stated as follows:

Valuation of inventory

Please refer to Note 4(8) to the consolidated financial statements for the accounting policy of inventories, Note 5(2)F for critical accounting judgments, estimates and key sources of assumption uncertainty of inventories, and Note 6(5) for inventory valuation.

Description of key audit matter:

As of December 31, 2022, inventory was \$1,198,804 thousand and accounted for 26% of the total assets. Due to rapid changes in technology may lead to write-downs of slow-moving inventories to their net realizable values. As uncertainty exists in management's judgment when the determining the loss on inventory, the valuation of inventory has been identified as a key audit matter.

How the matter was addressed in our audit:

In relation to the key audit matter above, our principal audit procedures included the understanding of the feature of the product and the inventory aging to confirm the appropriateness of the inventory evaluation method ; Testing the book value of the inventory to assess the rationality of the change in the impairment loss of the inventory, obtaining the inventory status of the Group and compare the actual write-offs of the past to assess the appropriateness of the valuation for obsolescent and damaged inventories.

Revenue recognition

Please refer to Note 4(18) to the consolidated financial statements for the accounting policy of revenue recognition, Note 5(1) A and Note 5(2) A for critical accounting judgements, estimates and key sources of assumption uncertainty of revenue recognition, and Note 6 (27) for the description of revenue recognition.

Description of key audit matter:

The Group's sales revenue is easily influenced by various factors such as the industry boom and market environment, and has a significant impact on the utilization rate of the Group (the levy of idle capacity loss), inventory risk and cash flow. Consequently, this is one of the key areas our audit focused on.

How the matter was addressed in our audit:

In relation to the key audit matter above, our principal audit procedures included testing the Group's controls surrounding revenue recognition; inspecting customer orders and performing a test of revenue transactions which incurred within a certain period before or after the balance sheet date; analyzing of the trend of product sales and comparing the number of relevant changes or differences with the budget to confirm whether there is a significant exception.

Other Matters

We have also audited the standalone financial statements of E&R Engineering Co., Ltd. as of and for the years ended December 31, 2022 and 2021 on which we have issued an unqualified opinion with other matters paragraph.

Responsibilities of Management and Those Charged with Governance for the Consolidated financial statements

Management is responsible for the preparation and fair presentation of the consolidated financial statements in accordance with the Regulations Governing the Preparation of Financial Reports by Securities Issuers and the IFRS, IAS, IFRIC, and SIC endorsed and issued into effect by the Financial Supervisory Commission of the Republic of China, and for such internal control as management determines is necessary to enable the preparation of consolidated financial statements that are free from material misstatement, whether due to fraud or error.

In preparing the consolidated financial statements, management is responsible for assessing the Group's ability to continue as a going concern, disclosing, as applicable, matters related to going concern and using the going concern basis of accounting unless management either intends to liquidate the Group or to cease operations, or has no realistic alternative but to do so.

Those charged with governance (inclusive of the Audit Committee) are responsible for overseeing the Group's financial reporting process.

Auditors' Responsibilities for the Audit of the Consolidated financial statements

Our objectives are to obtain reasonable assurance about whether the consolidated financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditors' report that includes our opinion. Reasonable assurance is a high level of assurance, but is not a guarantee that an audit conducted in accordance with the auditing standards in the Republic of China will always detect a material misstatement when it exists. Misstatements can arise from fraud or error and are considered material if, individually or in the aggregate, they could reasonably be expected to influence the economic decisions of users taken on the basis of these consolidated financial statements.

As part of an audit in accordance with the auditing standards in the Republic of China, we exercise professional judgment and maintain professional skepticism throughout the audit. We also:

1. Identify and assess the risks of material misstatement of the consolidated financial statements, whether due to fraud or error, design and perform audit procedures responsive to those risks, and obtain audit evidence that is sufficient and appropriate to provide a basis for our opinion. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control.
2. Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Group's internal control.
3. Evaluate the appropriateness of accounting policies used and the reasonableness of accounting estimates and related disclosures made by management.
4. Conclude on the appropriateness of management's use of the going concern basis of accounting and, based on the audit evidence obtained, whether a material uncertainty exists related to events or conditions that may cast significant doubt on the Group's ability to continue as a going concern. If we conclude that a material uncertainty exists, we are required to draw attention in Our auditors' report to the related disclosures in the consolidated financial statements or, if such disclosures are inadequate, to modify our opinion. Our conclusions are based on the audit evidence obtained up to the date of our auditors' report. However, future events or conditions may cause the Group to cease to continue as a going concern.
5. Evaluate the overall presentation, structure and content of the consolidated financial statements, including the disclosures, and whether the consolidated financial statements represent the underlying transactions and events in a manner that achieves fair presentation.

6. Obtain sufficient appropriate audit evidence regarding the financial information of the entities or business activities within the Group to express an opinion on the consolidated financial statements. We are responsible for the direction, supervision and performance of the Group audit. We remain solely responsible for our audit opinion.

We communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit and significant audit findings, including any significant deficiencies in internal control that we identify during our audit.

We also provide those charged with governance with a statement that we have complied with relevant ethical requirements regarding independence, and to communicate with them all relationships and other matters that may reasonably be thought to bear on our independence, and where applicable, related safeguards.

From the matters communicated with those charged with governance, we determine those matters that were of most significance in the audit of the consolidated financial statements for the year ended December 31, 2022 and are therefore the key audit matters. We describe these matters in our auditors' report unless law or regulation precludes public disclosure about the matter or when, in extremely rare circumstances, we determine that a matter should not be communicated in our report because the adverse consequences of doing so would reasonably be expected to outweigh the public interest benefits of such communication.

The engagement partners on the audit resulting in this independent auditors' report are Ching Ling Lee and Kuo Ming Lee.

Crowe (TW) CPAs

Crowe (TW) CPAs

Kaohsiung, Taiwan (Republic of China)

March 7, 2023

Notice to Readers

The accompanying consolidated financial statements are intended only to present the financial position, financial performance and cash flows in accordance with accounting principles and practices generally accepted in the Republic of China and not those of any other jurisdictions. The standards, procedures and practices to audit such financial statements are those generally accepted and applied in the Republic of China.

For the convenience of readers, the independent auditors' report and the accompanying consolidated financial statements have been translated into English from the original Chinese version prepared and used in the Republic of China. If there is any conflict between the English version and the original Chinese version or any difference in the interpretation of the two versions, the Chinese-language independent auditors' report and consolidated financial statements shall prevail

E&R ENGINEERING CO., LTD. AND SUBSIDIARIES
CONSOLIDATED BALANCE SHEETS
(In Thousands of New Taiwan Dollars)

Assets	Note	December 31, 2022		December 31, 2021	
		Amount	%	Amount	%
CURRENT ASSETS					
Cash and cash equivalents	6.1	\$1,064,828	22	\$664,939	18
Financial assets at fair value through profit or loss - current	6.2	114,943	2	266,148	7
Notes receivable, net	6.3	22,880	-	20,392	1
Accounts receivable, net	6.4	751,950	16	730,235	20
Other receivables		9,184	-	11,013	-
Current income tax assets		32	-	253	-
Inventories	6.5	1,198,804	26	1,164,409	33
Prepayments		90,245	2	42,646	1
Other financial assets - current	6.6	605,852	13	61,746	2
Total current assets		3,858,718	81	2,961,781	82
NONCURRENT ASSETS					
Financial assets at fair value through other comprehensive income or loss - noncurrent	6.7	36,181	1	21,745	1
Property, plant and equipment	6.8	576,327	13	435,686	11
Right-of-use assets	6.9	185,154	4	127,895	4
Intangible assets	6.10	11,831	-	18,744	1
Deferred income tax assets	6.33	50,779	1	40,970	1
Refundable deposits	6.11	12,700	-	14,531	-
Other financial assets - noncurrent	8	6,900	-	3,000	-
Total noncurrent assets		879,872	19	662,571	18
TOTAL ASSETS		\$4,738,590	100	\$3,624,352	100
Liabilities and Equity					
CURRENT LIABILITIES					
Short-term loans	6.12	\$4,500	-	\$18,182	1
Contract liabilities-current	6.27	37,187	1	185,222	5
Notes payable		6,844	-	9,532	-
Accounts payable		315,327	6	521,924	13
Other payables	6.13	233,936	5	165,440	5
Current income tax liability		86,839	2	39,809	1
Provisions - current	6.14	92,859	2	58,835	2
Lease liabilities - current	6.9	28,754	1	23,031	1
Advance receipts		398	-	-	-
Current portion of long-term loans	6.15	16,799	-	30,257	1
Total current liabilities		823,443	17	1,052,292	29
NONCURRENT LIABILITIES					
Financial liabilities at fair value through profit or loss - noncurrent	6.2	19,800	-	-	-

Liabilities and Equity	Note	December 31, 2022		December 31, 2021	
		Amount	%	Amount	%
Bonds payable	6.16	931,470	20	-	-
Long-term loans	6.17	89,731	2	56,156	2
Deferred income tax liabilities	6.33	4,077	-	2,209	-
Lease liabilities - noncurrent	6.9	129,842	3	76,562	2
Long-term deferred revenue	6.18	22,748	-	-	-
Net defined benefit liability - noncurrent	6.19	10,604	-	11,979	-
Guarantee deposits	9.7	71,056	2	-	-
Total noncurrent liabilities		1,279,328	27	146,906	4
TOTAL LIABILITIES		\$2,102,771	44	\$1,199,198	33
EQUITY					
Share capital	6.20				
Common stock		1,007,703	21	1,000,475	28
Bond conversion entitlement certificates		3,026	-	546	-
Advance receipts for ordinary share		125	-	-	-
Capital surplus	6.21	1,271,597	28	1,164,065	31
Retained earnings	6.23				
Legal reserve		38,028	1	16,127	-
Special reserve		11,185	-	11,063	-
Unappropriated retained earnings		459,625	10	248,397	8
Other equity	6.24	(36,409)	(1)	(11,185)	-
Treasury shares	6.25	(188,316)	(4)	(64,707)	(2)
Total equity attributable to owners of the parent		2,566,564	55	2,364,781	65
NON-CONTROLLING INTERESTS	6.26	69,255	1	60,373	2
TOTAL EQUITY		2,635,819	56	2,425,154	67
TOTAL LIABILITIES AND EQUITY		\$4,738,590	100	\$ 3,624,352	100

The accompanying notes are an integral part of the consolidated financial statements.

E&R ENGINEERING CO., LTD AND SUBSIDIARIES
CONSOLIDATED STATEMENTS OF COMPREHENSIVE INCOME
(In Thousands of New Taiwan Dollars, Except Earnings Per Share)

Item	Note	Year Ended December 31			
		2022		2021	
		Amount	%	Amount	%
OPERATING REVENUE	6.27	\$3,222,998	100	\$2,544,782	100
OPERATING COST	6.3	(2,098,938)	(66)	(1,690,260)	(67)
GROSS PROFIT (LOSS)		1,124,060	34	854,522	33
OPERATING EXPENSES					
Sales and marketing		(311,460)	(10)	(213,475)	(8)
General and administrative		(192,660)	(6)	(174,558)	(7)
Research and development expense		(208,505)	(6)	(159,650)	(6)
Expected credit losses (reversal)	6.4	(7,677)	-	5,330	-
Total operating expenses		(720,302)	(22)	(542,353)	(21)
INCOME (LOSS) FROM OPERATIONS		403,758	12	312,169	12
NON-OPERATING INCOME AND EXPENSES					
Interest income	6.29	10,848	-	1,292	-
Other income	6.30	9,524	-	8,449	-
Other gains and losses	6.31	83,967	3	(10,987)	-
Finance cost	6.32	(13,135)	-	(6,144)	-
Total non-operating income and expenses		91,204	3	(7,390)	-
INCOME (LOSS) BEFORE INCOME TAX		494,962	15	304,779	12
INCOME TAX BENEFIT (EXPENSE)	6.33	(104,827)	(3)	(60,637)	(2)
NET INCOME (LOSS)		390,135	12	244,142	10
OTHER COMPREHENSIVE INCOME (LOSS)	6.34				
Items that will not be reclassified subsequently to profit or loss:					
Remeasurement of defined benefit obligation		1,241	-	737	-
Unrealized gain (loss) on investments in equity instruments at FVTOCI		(27,767)	(1)	292	-
Income tax benefit (expense) related to items that will not be reclassified subsequently to profit or loss		(248)	-	(147)	-
Items that may be reclassified subsequently to profit or loss:					
Exchange differences on translating foreign operations		3,390	-	(543)	-
Income tax benefit (expense) related to items that may be reclassified subsequently to profit or loss		(82)	-	39	-
Total other comprehensive income (loss), net of income tax		(23,466)	(1)	378	-

Item	Note	Year Ended December 31			
		2022		2021	
		Amount	%	Amount	%
TOTAL COMPREHENSIVE INCOME (LOSS)		<u>\$366,669</u>	<u>11</u>	<u>\$244,520</u>	<u>10</u>
NET INCOME (LOSS) ATTRIBUTABLE TO:					
Shareholders of the parent		390,789	12	243,979	10
Non-controlling interests		<u>(654)</u>	<u>-</u>	<u>163</u>	<u>-</u>
		<u>390,135</u>	<u>12</u>	<u>244,142</u>	<u>10</u>
TOTAL COMPREHENSIVE INCOME (LOSS)					
ATTRIBUTABLE TO:					
Shareholders of the parent		366,495	11	244,641	10
Non-controlling interests		<u>174</u>	<u>-</u>	<u>(121)</u>	<u>-</u>
		<u>366,669</u>	<u>11</u>	<u>244,520</u>	<u>10</u>
EARNINGS (LOSS) PER SHARE					
Basic	6.36	<u>\$3.94</u>		<u>\$2.62</u>	
Diluted	6.36	<u>\$3.65</u>		<u>\$2.56</u>	

The accompanying notes are an integral part of the consolidated financial statements.

E&R ENGINEERING CO., LTD AND SUBSIDIARIES
CONSOLIDATED STATEMENTS OF CHANGES IN EQUITY
(In Thousands of New Taiwan Dollars)

	Equity attributable to owners of the parent												
	Capital Stock			Retained Earnings				Other Adjustment Item			Total equity attributable to owners of the parent	Non-controlling interests	Total equity
	Common Stock	Certificate of Bond Exchange Rights	Proceeds-New Issued	Capital Surplus	Legal reserve	Special reserve	Unappropriated retained earnings	Exchange Differences on Translating Foreign Operations	Unrealized Gain (Loss) on Financial Assets at FVTOCI	Treasury stock			
BALANCE AT JANUARY 1, 2021	\$841,523	\$12,790	\$ -	\$439,159	\$ -	\$ -	\$161,269	(\$11,063)	\$ -	(\$34,963)	\$1,408,715	\$51,768	\$1,460,483
Allocate and appropriated retained earnings:													
Legal reserve	-	-	-	-	16,127	-	(16,127)	-	-	-	-	-	-
Special reserve	-	-	-	-	-	11,063	(11,063)	-	-	-	-	-	-
Cash dividend of common stock	-	-	-	-	-	-	(104,688)	-	-	-	(104,688)	-	(104,688)
Net income (loss) in 2021	-	-	-	-	-	-	243,979	-	-	-	243,979	163	244,142
Other comprehensive income (loss) in 2021, net of income tax	-	-	-	-	-	-	784	(414)	292	-	662	(284)	378
Total comprehensive income (loss) in 2021	-	-	-	-	-	-	244,763	(414)	292	-	244,641	(121)	244,520
Capital increase in cash	100,000	-	-	558,350	-	-	-	-	-	-	658,350	-	658,350
Convertible corporate bond conversion	50,237	546	-	159,155	-	-	-	-	-	-	209,938	-	209,938
Bond conversion entitlement certificate	12,790	(12,790)	-	-	-	-	-	-	-	-	-	-	-
Buyback treasury stock	-	-	-	-	-	-	-	-	-	(107,460)	(107,460)	-	(107,460)
Retirement of treasury stock	(8,300)	-	-	(21,311)	-	-	(23,757)	-	-	53,368	-	-	-
Changes in ownership interests in subsidiaries	-	-	-	481	-	-	-	-	-	-	481	(481)	-
Share-based payment transactions	4,225	-	-	19,254	-	-	(2,000)	-	-	24,348	45,827	-	45,827
Increase (Decrease) in non-controlling interests	-	-	-	-	-	-	-	-	-	-	-	9,207	9,207
Others- right of entry	-	-	-	8,977	-	-	-	-	-	-	8,977	-	8,977
BALANCE AT DECEMBER 31, 2021	1,000,475	546	-	1,164,065	16,127	11,063	248,397	(11,477)	292	(64,707)	2,364,781	60,373	2,425,154
Allocate and appropriated retained earnings:													
Legal reserve	-	-	-	-	21,901	-	(21,901)	-	-	-	-	-	-
Special reserve	-	-	-	-	-	122	(122)	-	-	-	-	-	-
Cash dividend of common stock	-	-	-	-	-	-	(158,240)	-	-	-	(158,240)	-	(158,240)
Due to the issuance of convertible corporate bonds	-	-	-	66,566	-	-	-	-	-	-	66,566	-	66,566
, the equity component items are recognized - stock options													
Net income (loss) in 2022	-	-	-	-	-	-	390,789	-	-	-	390,789	(654)	390,135
Other comprehensive income (loss) in 2022, net of income tax	-	-	-	-	-	-	930	2,543	(27,767)	-	(24,294)	828	(23,466)
Total comprehensive income (loss) in 2022	-	-	-	-	-	-	391,719	2,543	(27,767)	-	366,495	174	366,669
Convertible corporate bond conversion	-	4,358	-	13,582	-	-	-	-	-	-	17,940	-	17,940
Bond conversion entitlement certificate	1,878	(1,878)	-	-	-	-	-	-	-	-	-	-	-
Buyback treasury stock	-	-	-	-	-	-	-	-	-	(134,241)	(134,241)	-	(134,241)
The difference between the actual acquisition or disposal of the subsidiary company's equity price and book value	-	-	-	-	-	-	-	-	-	-	764	-	764
Changes in ownership interests in subsidiaries	-	-	-	-	-	-	(228)	-	-	-	(228)	-	(228)
Share-based payment transactions	5,350	-	125	26,514	-	-	-	-	-	10,632	42,621	-	42,621
Increase(Decrease) in non-controlling interests	-	-	-	-	-	-	-	-	-	-	-	8,708	8,708
Others- right of entry	-	-	-	106	-	-	-	-	-	-	106	-	106
BALANCE AT DECEMBER 31, 2022	\$1,007,703	\$3,026	\$125	\$1,271,597	\$38,028	\$11,185	\$459,625	(\$8,934)	(\$27,475)	(\$188,316)	\$2,566,564	\$69,255	\$2,635,819

The accompanying notes are an integral part of the consolidated financial statements.

E&R ENGINEERING CO., LTD AND SUBSIDIARIES
CONSOLIDATED STATEMENTS OF CASH FLOWS
(In Thousands of New Taiwan Dollars)

Item	Year Ended December 31	
	2022	2021
1.CASH FLOWS FROM OPERATING ACTIVITIES		
Income (loss) before income tax	\$494,962	\$304,779
Adjustments for:		
Income and expenses having no effect on cash flows:		
Depreciation	114,716	111,354
Amortization expense	8,954	9,191
Expected credit losses (reversal)	7,677	(5,330)
Net loss (gain) on financial assets and liabilities at fair value through profit or loss	10,006	(949)
Interest expense	13,135	6,144
Interest income	(10,848)	(1,292)
Dividend income	(473)	-
Share-Based Benefit Compensation Cost	23,589	22,301
Loss (gain) on disposal and retirement of property, plant and equipment	(679)	(2,286)
Property, plant and equipment transfer to expense	67	-
Others	(464)	-
Total income and expenses having no effect on cash flows	165,680	139,133
Changes in operating assets and liabilities:		
Net changes in operating assets:		
Financial assets at fair value through profit or loss	147,078	(26,471)
Notes receivable	(2,507)	(3,309)
Accounts receivable	(29,426)	(173,801)
Other receivables	3,565	446
Inventories	(83,289)	(518,201)
Prepayments	(47,599)	(18,093)
Other financial assets	(562,289)	(12,172)
Total net changes in operating assets	(574,467)	(751,601)
Net changes in operating liabilities:		
Contract liabilities	(148,095)	170,474
Notes payable	(2,688)	1,894
Accounts payable	(206,597)	177,250
Other payables	66,054	22,594
Provisions	34,024	11,764
Net defined benefit liability	(134)	(5)
Total net changes in operating liabilities	(257,436)	383,971

Item	Year Ended December 31	
	2022	2021
Total changes in operating assets and liabilities	(831,903)	(367,630)
Total adjustments	(666,223)	(228,497)
Cash generated from (used in) operations	(171,261)	76,282
Interest received	9,112	1,373
Dividends received	473	-
Interest paid	(6,186)	(5,987)
Income tax refund (paid)	(65,847)	(50,217)
Net cash generated from (used in) operating activities	(233,709)	(21,451)
2.CASH FLOWS FROM INVESTING ACTIVITIES		
Acquisition of financial assets at fair value through other comprehensive income	(42,203)	(21,453)
Acquisition of investments accounted for using equity method	(183,910)	(40,024)
Proceeds from disposal of property, plant and equipment	8,802	2,756
Increase in refundable deposits	-	(3,134)
Decrease in refundable deposits	1,831	-
Acquire intangible assets	(2,038)	(6,001)
Decrease in other financial assets	14,283	98,650
Net cash generated from (used in) investing activities	(203,235)	30,794
3.CASH FLOWS FROM FINANCING ACTIVITIES		
Increase in short-term loans	-	3,482
Decrease in short-term loans	(13,682)	-
Issuance of corporate bonds	1,005,070	-
Increase in long-term loans	86,000	65,000
Repayment of long-term loans	(47,970)	(91,891)
Increase in guarantee deposits received	71,056	-
Repayments of principal of lease liabilities	(25,742)	(22,811)
Increase in other liabilities - noncurrent	23,652	-
Cash dividend	(158,240)	(104,688)
Cash capital increase	-	658,350
Employee exercise stock options	8,432	6,633
Treasury stock buyback cost	(134,241)	(107,460)
Employee purchase treasury stock	10,600	16,893
Changes in non-controlling interests	9,244	9,207
Others	106	8,977
Net cash generated from (used in) financing activities	834,285	441,692
4.EFFECT OF EXCHANGE RATE CHANGES ON CASH AND CASH EQUIVALENTS	2,548	(230)
5.NET INCREASE (DECREASE) IN CASH AND CASH EQUIVALENTS	399,889	493,707
6.CASH AND CASH EQUIVALENTS, BEGINNING OF YEAR	664,939	171,232
7.CASH AND CASH EQUIVALENTS, END OF YEAR	<u>\$1,064,828</u>	<u>\$664,939</u>

The accompanying notes are an integral part of the consolidated financial statements.

E&R ENGINEERING CO., LTD. AND SUBSIDIARIES
NOTES TO CONSOLIDATED FINANCIAL STATEMENTS
FOR THE YEARS ENDED DECEMBER 31, 2022 AND 2021
(In Thousands of New Taiwan Dollars, Except Stated Otherwise)

1. GENERAL INFORMATION

E&R Engineering Co., Ltd. (collectively as the “Company”) was incorporated in October 1994, and stocks were traded at emerging stock market since January 3, 2003. The board of directors decided to impose the withdrawal of trading at emerging stock market on November 13, 2008 and re-registered on November 12, 2013. Stocks were approved for sale on the counter by Taipei Exchange (TPEx) on March 27, 2015. The Company engages mainly in the planning, designing, manufacturing, installing and selling of automatic machines, related components, computer software and pollution controlling equipment.

The principal operating activities of Company and its subsidiaries (collectively as the “Group”) are described in Note 4(3)B. In addition, the Company has no ultimate parent company.

The consolidated financial statements are presented in the Company’s functional currency, New Taiwan Dollars.

2. THE AUTHORIZATION OF THE CONSOLIDATED FINANCIAL STATEMENTS

The consolidated financial statements were approved and authorized for issue by the Board of Directors on March 7, 2023.

3. APPLICATION OF NEW AND AMENDED STANDARDS AND INTERPRETATIONS

(1) Effect of adoption of the amendments to the International Financial Reporting Standards (IFRS), International Accounting Standards (IAS), IFRIC Interpretations (IFRIC), and SIC Interpretations (SIC) (collectively, the “IFRSs”) endorsed and issued into effect by the Financial Supervisory Commission (FSC):

New standards, interpretations and amendments endorsed by the FSC and effective from 2022 are as follows:

New IFRSs	Effective Date Announced by IASB (Note 1)
Amendments to IAS 16 “Property, Plant and Equipment: Proceeds Before Intended Use”	January 1, 2022 (Note 2)
Amendments to IAS 37 “Onerous Contract - Cost of Fulfilling a Contract”	January 1, 2022 (Note 3)
Amendments to IFRS 3 “Reference to the Conceptual Framework”	January 1, 2022 (Note 4)
Annual Improvements to IFRSs 2018-2020	January 1, 2022 (Note 5)

Note 1: Unless stated otherwise, the New IFRSs above are effective for annual periods beginning on or after their respective effective dates.

Note 2: An entity shall apply those amendments retrospectively, but only to items of property, plant and equipment that are brought to the location and condition necessary for them to be capable of operating in the manner intended by management on or after the beginning of the earliest period presented, January 1, 2021, in the financial statements in which the entity first applies the amendments.

Note 3: An entity shall apply these amendments to contracts for which it has not yet fulfilled all its obligations on January 1, 2022.

Note 4: These amendments apply to business combinations whose acquisition date occur during the annual reporting periods beginning on or after January 1, 2022.

Note 5: The amendments to IFRS 9 apply to financial liabilities that are modified or exchanged during the annual reporting periods beginning on or after January 1, 2022. The amendments to IAS 41 apply to fair value measurement on or after the beginning of the first annual reporting periods beginning on or after January 1, 2022. The amendments to IFRS 1 apply to the annual reporting periods beginning on or after January 1, 2022.

A. Amendments to IAS 16 “Property, Plant and Equipment: Proceeds before Intended Use”

These amendments set out that proceeds from selling items produced while bringing an item of property, plant and equipment to the location and condition necessary for them to be capable of operating in the manner intended by management shall not be recognized as a deduction of the asset. Instead, the proceeds and the costs of those items, measured in accordance with IAS 2, shall be recognized in profit or loss in accordance with applicable IFRS Standards. In addition, the amendment also clarified that the normal operating cost of a test asset refers to the expenditure for assessing whether the technology and physical properties of the asset are sufficient to be used to produce or provide goods or services, lease to others, or for management purposes.

The Group shall apply these amendments retrospectively, but only to items of property, plant and equipment that are brought to the location and condition necessary for them to be capable of operating in the manner intended by management on or after the beginning of the earliest period presented in the financial statements in which the Group first applies the amendments. The cumulative effect of initially applying the amendments shall be recognized as an adjustment to the opening balance of retained earnings (or other component of equity, as appropriate) at the beginning of that earliest period presented with comparative information restated.

B. Amendments to IAS 37 “Onerous Contracts - Cost of Fulfilling a Contract”

The amendments set out that, when determining whether a contract is onerous, the cost of fulfilling a contract comprises (a) the incremental costs of fulfilling that contract (for example, direct labor and materials); and (b) an allocation of other costs that relate directly to fulfilling contracts (for example, an allocation of the depreciation charge for an item of property, plant and equipment used in fulfilling that contract among others).

C. Amendments to IFRS 3 “Reference to the Conceptual Framework”

The amendments update a reference to the Framework in IFRS 3 and require the acquirer shall apply IFRIC 21 for a levy that would be within the scope of IFRIC 21 to determine whether the obligating event that gives rise to a liability to pay the levy has occurred by the acquisition date.

D. Annual Improvement to IFRS 2018-2020

The annual improvements amend several Standards. Among which, the amendment to IFRS 9 clarifies that, in determining whether an exchange or modification of the terms of a financial liability is substantially different from the original one, only fees paid or received between the Group (the borrower) and the lender, including fees paid or received by either the Group or the lender on the other’s behalf, shall be included in the ‘10 percent’ test of discounting present value of the cash flows under the new terms.

Base on the Group’s assessment, the above standards and interpretations have no significant effect on the Company’s financial position and financial performance.

(2) Effect of new issuances or amendments to IFRSs as endorsed by the FSC but not yet adopted

New standards, interpretations and amendments endorsed by the FSC and effective from 2023 are as follows:

New IFRSs	Effective Date Announced by IASB
Amendments to IAS 1 “Disclosure of Accounting Policies”	January 1, 2023 (Note 1)
Amendments to IAS 8 “Definition of Accounting Estimates”	January 1, 2023 (Note 2)
Amendment to IAS 12 “Deferred Tax Related to Assets and Liabilities Arising from a Single Transaction”	January 1, 2023 (Note 3)

Note 1: The amendments will be applied prospectively for annual reporting periods beginning on or after January 1, 2023.

Note 2: The amendments are applicable to changes in accounting estimates and changes in accounting policies that occur on or after the beginning of the annual reporting period beginning on or after January 1, 2023.

Note 3: Except for otherwise specified with for temporary differences associated with leases and decommissioning obligations, the amendments will be applied prospectively to transactions that occur on or after January 1, 2022.

A. Amendments to IAS 1 “Disclosure of Accounting Policies”

This amendment clarifies that when the scale or nature of a transaction, other event or situation is material, and the relevant accounting policy information is also material to the financial report, the relevant material accounting policy information should be disclosed. Conversely, if the enterprise determines that the scale or nature of a transaction, other event or situation is not significant or the relevant accounting policy information is not significant although it is significant, it does not need to disclose non-significant accounting policy information, but the enterprise prepares accounting the conclusion that the policy information is insignificant does not affect the relevant disclosures required by other IFRS standards.

B. Amendments to IAS 8 “Definition of Accounting Estimates”

This amendment defines accounting estimates as the monetary amount of financial statements subject to measurement uncertainty, and provides further explanations, except for corrections due to errors in the previous period, the impact of changes in input values or measurement techniques on accounting estimates is a change in accounting estimates.

C. Amendment to IAS 12 “Deferred Tax Related to Assets and Liabilities Arising from a Single Transaction”

The amendments narrow the scope of the recognition exemption in paragraphs 15 and 24 of IAS 12 so that it no longer applies to transactions that, on initial recognition, give rise to equal taxable and deductible temporary differences.

If the taxable temporary difference arising from a single transaction at the time of original recognition is the same as the deductible temporary difference, the above exemption does not apply. When the enterprise applies this amendment for the first time, it shall recognize deferred income tax on all temporary differences related to lease and decommissioning obligations on the start date of the earliest comparative period expressed (January 1, 2022), and the cumulative effect is recognized as an adjustment to the initial balance of retained earnings on that date. (Or other components of interest, as appropriate). For other transactions that occurred after January 1, 2022, the application of this amendment should be postponed, and the group should recompile the comparative period information when applying this amendment for the first time.

The group has assessed that the above standards and interpretations have no significant impact on the group's financial position and financial performance.

(3) Effect of the IFRSs issued by IASB but not yet endorsed and issued into effect by FSC:

New IFRSs	Effective Date Announced by IASB
Amendments to IFRS 10 and IAS 28 “Sale or Contribution of Assets between an Investor and its Associate or Joint Venture”	To be determined by IASB
IFRS 17 “Insurance Contracts”	January 1, 2023
Amendments to IFRS 17	January 1, 2023
Amendments to IFRS 17 “Initial application IFRS 17 and IFRS 9 – Compare Information”	January 1, 2023
Amendments to IFRS 16 “Lease liabilities in sale and leaseback”	January 1, 2024
Amendments to IAS 1 “Classification of Liabilities as Current or Noncurrent”	January 1, 2024
Amendments to IAS 1 “Non-current Liabilities with Covenants ”	January 1, 2024

As of the date the accompany consolidated financial statements are authorized for issue, the Group is still evaluating the impact on its financial position and financial performance as a result of the initial adoption of the aforementioned standards or interpretations. The related impact will be disclosed when the Group completes the evaluation.

4. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

The principal accounting policies applied in the preparation of these consolidated financial statements are set out below. These policies have been consistently applied to all the periods presented, unless otherwise stated.

(1) Compliance statement

The accompanying consolidated financial statements have been prepared in conformity with the Regulations Governing the Preparation of Financial Reports by Securities Issuers.

(2) Basis of preparation

A. Except for the following items, the accompany consolidated financial statements have been prepared under the historical cost convention:

- a. Financial assets and financial liabilities (including derivative instruments) at fair value through profit or loss.
- b. Liabilities on cash-settled share based payment arrangement measured at fair value.
- c. Defined benefit liabilities recognized based on the net amount of pension fund assets less present value of defined benefit obligation.

B. The preparation of financial statements in compliance with IFRSs requires the use of certain critical accounting estimates. It also requires management to exercise its judgment in the process of applying the Group’s accounting policies. The areas involving a higher degree of judgment or complexity, or areas where assumptions and estimates are significant to the consolidated financial statements are disclosed in Note 5.

(3) Basis of consolidation

A. Basis for preparation of consolidated financial statements:

- a. All subsidiaries are included in the Group's consolidated financial statements. Subsidiaries are all entities (including structured entities) controlled by the Group. The Group controls an entity when the Group is exposed, or has rights, to variable returns from its involvement with the entity and has the ability to affect those returns through its power over the entity. Consolidation of subsidiaries begins from the date the Group obtains control of the subsidiaries and ceases when the Group loses control of the subsidiaries.
- b. Inter-company transactions, balances and unrealized gains or losses on transactions between companies within the Group are eliminated. Accounting policies of subsidiaries have been adjusted where necessary to ensure consistency with the policies adopted by the Group.
- c. Profit or loss and each component of other comprehensive income are attributed to the owners of the parent and to the non-controlling interests. Total comprehensive income is attributed to the owners of the parent and to the non-controlling interests even if this results in the non-controlling interests having a deficit balance.
- d. Changes in a parent's ownership interest in a subsidiary that do not result in the parent losing control of the subsidiary (transactions with non-controlling interests) are accounted for as equity transactions, i.e. transactions with owners in their capacity as owners. Any difference between the amount by which the non-controlling interests are adjusted and the fair value of the consideration paid or received is recognized directly in equity.
- e. When the Group loses control of a subsidiary, the Group remeasures any investment retained in the former subsidiary at its fair value. That fair value is regarded as the fair value on initial recognition of a financial asset or the cost on initial recognition of the associate or joint venture. Any difference between fair value and carrying amount is recognized in profit or loss. All amounts previously recognized in other comprehensive income in relation to the subsidiary are reclassified to profit or loss or transferred directly to retained earnings as appropriate, on the same basis as would be required if the related assets or liabilities were disposed of. That is, when the Group loses control of a subsidiary, all gains or losses previously recognized in other comprehensive income in relation to the subsidiary should be reclassified from equity to profit or loss, if such gains or losses would be reclassified to profit or loss when the related assets or liabilities are disposed of.

B. The consolidated entities were as follows:

Investee / Subsidiary	Main Businesses	Percentage of Ownership	
		December 31, 2022	December 31, 2021
1.E&R Engineering Co., Ltd.			
E&R Semiconductor Materials Ltd.	Selling of semiconductor packaging materials	90.00%	81.00%
Tech Wave Technology Co., Ltd.	Manufacturing machining and selling of flexible printed circuit	51.43%	51.43%
Enrichment Tech. Corporation	Investments	100.00%	100.00%
Crystal Entec Technology Co., Ltd.	Processing of electronic materials	48.27%(Note)	48.27%(Note)
2. E&R Semiconductor Materials Ltd.			
DG E&R Semiconductor Materials	Manufacturing and selling of semiconductor packing materials	100.00%	100.00%
Gain Profit Holding Limited	Selling of semiconductor packing materials	100.00%	100.00%
3.Enrichment Tech. Corporation			
ENR Applied Packing Material Corporation	Investments	100.00%	100.00%
Chen-Tai Trade (shanghai) Co., Ltd.	Customer service of automatic equipment	100.00%	100.00%
Suzhou E&R Precision Equipment Co., Ltd.	Manufacturing and selling of automatic equipment	100.00%	100.00%
4.ENR Applied Packing Material Corporation Co., Ltd.			
Wuxi E&R Semiconductor Material Technology	Manufacturing and selling of semiconductor packing materials	100.00%	100.00%
5.Excellent Internation Holdings Limited			
JS E&R Engineering Co., Ltd.	Manufacturing and selling of automatic equipment	90.61%	90.00%

(Note: In 2021, Crystal Entec Technology Co., Ltd. handled the cash capital increase. The group did not subscribe in accordance with the shareholding ratio, resulting in a shareholding ratio reduced to 48.27%. However, the group still obtained more than half of the directors' seats. It is judged that the Group has the substantive ability to lead the relevant activities of Crystal Entec Technology Co., Ltd., so it is still listed as a subsidiary.)

Changes in subsidiaries: None

- C. Subsidiaries not included in the consolidated financial reports: None.
- D. Adjustments for subsidiaries with different balance sheet dates: None.
- E. Material restrictions: Cash on hand and cash in banks of \$144,196 thousand in China are under exchange controls and will be restricted to export (Expect for export by normal dividends).
- F. Contents of the parent company's securities held by subsidiaries: None.
- G. Subsidiaries that have non-controlling interest that are material to the Group: None.

(4) Foreign currency translation

- A. Items included in the financial statements of each of the Group's entities are measured using the currency of the primary economic environment in which the entity operates (the "functional currency"). The consolidated financial statements are presented in New Taiwan Dollars, which is the Company's functional and the Group's presentation currency.
- B. In preparing the financial statements of each individual consolidated entity, transactions in currencies other than the entity's functional currency (foreign currencies) are recognized at the rates of exchange prevailing at the dates of the transactions. At the end of each reporting period, monetary items denominated in foreign currencies are retranslated at the rates prevailing at that date. Such exchange differences are recognized in profit or loss in the year in which they arise. Non-monetary items measured at fair value that are denominated in foreign currencies are retranslated at the rates prevailing at the date when the fair value was determined. Exchange differences arising on the retranslation of non-monetary items are included in profit or loss for the year except for exchange differences arising on the retranslation of non-monetary items in respect of which gains and losses are recognized directly in other comprehensive income, in which case, the exchange differences are also recognized directly in other comprehensive income. Non-monetary items that are measured in terms of historical cost in foreign currencies are not retranslated.
- C. For the purposes of presenting consolidated financial statements, the assets and liabilities of the Group's foreign operations are translated into New Taiwan Dollars using exchange rates prevailing at the end of each reporting period. Income and expense items are translated at the average exchange rates for the period, unless exchange rates fluctuate significantly during that period, in which case the exchange rates at the dates of the transactions are used. Exchange differences arising, if any, are recognized in other comprehensive income and accumulated in equity (attributed to noncontrolling interests as appropriate).

(5) Classification of current and non-current items

- A. Assets that meet one of the following criteria are classified as current assets; otherwise they are classified as non-current assets:
 - a. Assets arising from operating activities that are expected to be realized, or intended to be sold or consumed within the normal operating cycle;

- b. Assets held mainly for trading purposes;
- c. Assets that are expected to be realized within twelve months from the balance sheet date;
- d. Cash and cash equivalents, excluding restricted cash and cash equivalents and those that are to be exchanged or used to pay off liabilities more than twelve months after the balance sheet date.

B. Liabilities that meet one of the following criteria are classified as current liabilities; otherwise they are classified as non-current liabilities:

- a. Liabilities that are expected to be paid off within the normal operating cycle;
- b. Liabilities held mainly for trading purposes;
- c. Liabilities that are to be paid off within twelve months from the balance sheet date (Even if a long-term refinancing or re-arrangement of payment agreements is completed after the balance sheet date and before the issuance of the financial report is approved, it is classified as current liabilities).
- d. Liabilities for which the repayment date cannot be extended unconditionally to more than twelve months after the balance sheet date. Terms of a liability that could, at the option of the counterparty, result in its settlement by the issue of equity instruments do not affect its classification.

(6) Cash and cash equivalents

Cash and cash equivalents comprises cash on hand, demand deposits and short-term, highly liquid investments that are readily convertible to known amounts of cash and which are subject to an insignificant risk of changes in value (including the original maturity of the time deposits within three months.)

(7) Financial instruments

Financial assets and financial liabilities are recognized when the Group becomes a party to the contractual provisions of the instrument.

Financial assets and financial liabilities are recognized initially at fair value plus or minus, in the case of investments not at fair value through profit or loss, directly attributable transaction costs. Transaction costs directly attributable to the acquisition of financial assets or financial liabilities at fair value through profit or loss are recognized immediately in profit or loss.

A. Financial assets

a. Category of financial assets

Financial assets are recognized on a trade date basis.

Financial assets are classified into the following categories: financial assets at FVTPL, financial assets at amortized cost, and investments in equity instruments. at FVTOCI.

(a) Financial asset at FVTPL

For certain financial assets are classified as at FVTPL when such a financial asset is mandatorily and designated classified. Financial assets mandatorily classified as at FVTPL include investments in equity instruments which are not designated as at FVTOCI and debt instruments that do not meet the amortized cost criteria or the FVTOCI criteria.

When the financial assets meet one of the following conditions, the Group designates them as measured at fair value through profit and loss at the time of initial recognition:

- i. It is a mixed (combined) contract; or
- ii. It can eliminate or significantly reduce measurement or recognition inconsistencies; or
- iii. It is an investment that manages and evaluates its performance on a fair value basis based on written risk management or investment strategies.

Financial assets at fair value through profit or loss are measured at fair value, dividends generated are recognised in other income, and interest income and gains or losses arising from remeasurement are recognised in other gains and losses.

(b) Financial assets at amortized cost

Financial assets that meet the following conditions are subsequently measured at amortized cost:

- i. The financial asset is held within a business model whose objective is to hold financial assets in order to collect contractual cash flows; and
- ii. The contractual terms of the financial assets give rise on specified date to cash flow that are solely payments of principal and interest on the principal amount outstanding.

Financial assets at amortized cost, which equals to gross carrying amount determined by the effective interest method less any impairment loss. Exchange differences are recognized in profit or loss.

Except for the following two cases, interest income is calculated by applying the effective interest rate to the gross carrying amount of a financial asset:

- i. Purchased or originated credit-impaired financial assets: for those financial assets, the Group applies the credit-adjusted effective interest rate to the amortized cost of the financial asset from initial recognition.
- ii. Financial assets that are not purchased or originated credit-impaired financial assets but subsequently have become credit-impaired financial assets: for those financial assets, the Group shall apply the effective interest rate to the amortized cost of the financial asset in subsequent reporting periods.

(c) Investments in equity instruments at FVTOCI

On initial recognition, the Group may make an irrevocable election to designate investments in equity instruments as at FVTOCI. Designation at FVTOCI is not permitted if the equity investment is held for trading or if it is contingent consideration recognized by an acquirer in a business combination.

Investments in equity instruments at FVTOCI are subsequently measured at fair value with gains and losses arising from changes in fair value recognized in other comprehensive income and accumulated in other equity. The cumulative gain or loss will not be reclassified to profit or loss on disposal of the equity investments, instead, they will be transferred to retained earnings.

Dividends on these investments in equity instruments at FVTOCI are recognized in profit or loss when the Group's right to receive the dividends is established, unless the Group's right clearly represent a recovery of part of the cost of the investment.

b. Impairment of financial assets

- (a) At the end of each reporting period, a loss allowance for expected credit loss is recognized for financial assets at amortized cost (including accounts receivable), investments in debt instruments that are measured at FVTOCI, lease receivable and contract assets.
- (b) The Group always recognize lifetime Expected Credit Loss (i.e. ECL) for accounts receivables. For other financial assets, the Group recognize lifetime ECL when there has been a significant increase in credit risk since initial recognition. If, on the other hand, the credit risk on the financial instrument has not increased significantly since initial recognition, the Group measures the loss allowance for that financial instrument at an amount equaling to 12-month ECL.
- (c) Expected credit losses reflect the weighted average of credit losses with the respective risks of a default occurring as the weights. 12-month ECL represents the portion of lifetime ECL that is expected to result from default events on a financial instrument that are possible within 12 months after the reporting date. In contrast, lifetime ECL represents the expected credit losses that will result from all possible default events over the expected life of a financial instrument.
- (d) The Group recognizes an impairment loss in profit or loss for all financial instruments with a corresponding adjustment to their carrying amount through a loss allowance account, except for investments in debt instruments that are measured at FVTOCI, for which the loss allowance is recognized in other comprehensive income and does not reduce the carrying amount of the financial asset.

c. Derecognition of financial assets

The Group derecognizes a financial asset when one of the following conditions is met:

- (a) The contractual rights to receive cash flows from the financial asset expire.
- (b) The contractual rights to receive cash flows from the financial asset have been transferred and the Group has transferred substantially all risks and rewards of ownership of the financial asset.
- (c) The Group neither retains nor transfers substantially all risks and rewards of ownership of the financial asset; however, it has not retained control of the financial asset.

On derecognition of financial assets at amortized cost in its entirety, the difference between the financial asset's carrying amount and the sum of the consideration received is recognized in profit or loss. On derecognition of debt instrument measured at fair value through other comprehensive income, the difference between the financial asset's carrying amount and the sum of the consideration received and the cumulative gain or loss that had been recognized in other comprehensive income and accumulated in equity is recognized in profit or loss. On derecognition of equity instruments at fair value through other comprehensive income in its entirety, the cumulative profit and loss will be transferred directly to retained earnings without being reclassified into profit and loss.

B. Equity instruments

The Group classifies the instrument issued as a financial liability or an equity instrument in accordance with the substance of the contractual arrangement and the definitions of a financial liability, and an equity instrument. An equity instrument is any contract that evidences a residual interest in the assets of an entity after deducting all of its liabilities. The transaction costs of an equity transaction are accounted for as a deduction from equity to the extent they are incremental costs directly attributable to the equity transaction that otherwise would have been avoided.

C. Financial liabilities

a. Subsequent measurement

Except for the following conditions, all financial liabilities are measured at amortized cost in accordance with the effective interest method:

- (a) Financial liabilities are classified as at fair value through profit or loss when the financial liability is either held for trading or is designated as at fair value through profit or loss. Financial liabilities classified as held for trading are mainly for repurchasing in the short term when they occur, and derivatives other than financial guarantee contracts or designated and effective hedging instruments. Financial assets meet one of the following conditions, the Group

designates them as measured at fair value through profit and loss at the time of initial recognition:

- i. It is a mixed (combined) contract; or
 - ii. It can eliminate or significantly reduce measurement or recognition inconsistencies; or
 - iii. It is an instrument that manages and evaluates its performance on a fair value basis based on written risk management or investment strategies.
- (b) Financial liabilities at FVTPL are initially recognized at fair value. Related transaction costs are expensed in profit or loss. These financial liabilities are subsequently remeasured and stated at fair value, and any changes in the fair value of these financial liabilities are recognized in profit or loss.
- (c) As for financial liabilities, the main changes in the classification and measurement relate to the subsequent measurement of financial liabilities designated as at fair value through profit or loss. The amount of change in the fair value of such financial liability attributable to changes in the credit risk of that liability is presented in other comprehensive income and the remaining amount of change in the fair value of that liability is presented in profit or loss, unless the recognition of the effects of changes in the liability's credit risk in other comprehensive income would create or enlarge an accounting mismatch in profit or loss. Changes in fair value attributable to a financial liability's credit risk are not subsequently reclassified to profit or loss. If the above accounting treatment would create or enlarge an accounting mismatch in profit or loss, the Group presents all gains or losses on that liability in profit or loss.

b. Derecognition of financial liabilities

The Group derecognizes financial liabilities when, and only when, the Group's obligations are discharged, cancelled or they expire. The difference between the carrying amount of the financial liability derecognized and the consideration paid and payable (including any non-cash assets transferred or liabilities assumed) is recognized in profit or loss.

D. Modification of Financial Instruments

When the contractual cash flows of a financial instrument are renegotiated or modified and the renegotiation or modification does not result in the derecognition of that financial instrument, the Group recalculates the gross carrying amount of the financial asset or the amortized cost of the financial liabilities using the original effective interest rate and recognises a modification gain or loss in profit or loss. Any costs or fees incurred adjust the carrying amount of the modified financial instrument and are amortised over the remaining term of the modified financial instrument. If the renegotiation or modification results in that the derecognition of that financial instrument is required, then the financial instrument is derecognized accordingly.

If the basis for determining the contractual cash flows of a financial asset or financial liability changes resulting from interest rate benchmark reform and the change is necessary as a direct consequence of interest rate benchmark reform and the new basis for determining the contractual cash flows is economically equivalent to the previous basis, the Group applies the practical expedient to account for that change as a change in effective interest rate. If changes are made to a financial asset or financial liability in addition to changes to the basis for determining the contractual cash flows required by interest rate benchmark reform, the Group first applies the practical expedient aforementioned to the changes required by interest rate benchmark reform, and then applies the applicable requirements to any additional changes to which that practical expedient does not apply.

(8) Inventories

Inventories are stated at the lower of cost and net realizable value, accounted for on a perpetual basis. Cost is determined using the weighted average method. The cost of finished goods and work in progress comprises raw materials, direct labour, other direct costs and related production overheads (allocated based on normal operating capacity). It excludes borrowing costs. The item by item approach is used in applying the lower of cost and net realizable value. Net realizable value is the estimated selling price in the ordinary course of business, less the estimated cost of completion and costs necessary to make the sale.

(9) Property, plant and equipment

- A. Property, plant and equipment are initially recorded at cost. Borrowing costs incurred during the construction period are capitalized. For property, plant and equipment under construction, sample produced from testing whether the asset is functioning properly before its intended use are measured at lower of the costs or net realizable value. Proceeds from selling such an item and the cost of the item are recognized in profit or loss.
- B. Subsequent costs are included in the asset's carrying amount or recognized as a separate asset, as appropriate, only when it is probable that future economic benefits associated with the item will flow to the Group and the cost of the item can be measured reliably. The carrying amount of the replaced part is derecognized. All other repairs and maintenance are charged to profit or loss during the financial period in which they are incurred.
- C. Land is not depreciated. Other property, plant and equipment apply cost model and are depreciated using the straight-line method to allocate their cost over their estimated useful lives. The assets' residual values, useful lives and depreciation methods are reviewed, and adjusted if appropriate, at each financial year-end. If expectations for the

assets' residual values and useful lives differ from previous estimates or the patterns of consumption of the assets' future economic benefits embodied in the assets have changed significantly, any change is accounted for as a change in estimate under IAS 8, "Accounting Policies, Changes in Accounting Estimates and Errors", from the date of the change.

Service lives estimated as follows:

Buildings:

Main building, 25 to 50 years;

Others, 3 to 35 years;

Machinery and transportation equipment, 1 to 8 years;

Other equipment, 2 to 10 years;

- D. An item of property, plant and equipment is derecognized upon disposal or when no future economic benefits are expected to arise from the continued use of the assets. Any gain or loss arising on the disposal or retirement of an item of property, plant and equipment is determined as the difference between the sales proceeds and the carrying amount of the asset and is recognized in profit or loss.

(10) Leases

The Group assesses whether the contract is (or includes) a lease at the date of the contract. For a contract that includes a lease component and one or more additional lease or non-lease components, the Group allocates the consideration to the lease component base on the individual price of each lease component and the aggregated individual price of the non-lease component.

A. The Group as a lessee

Except for payments for low-value assets and short-term leases which are recognized as expenses on a straight-line basis, the Group recognizes right-of-use assets and lease liabilities for all leases at the inception of lease.

Right-of-use asset

The right-of-use asset is initially measured at cost (including the initial measurement amount of the lease liability, the payments less incentives, initial direct costs and the estimated recover cost), the subsequent measurement is based on the cost less accumulated depreciation and accumulated impairment loss, and adjusting the amount of re-measures of lease liabilities.

Except for right-of-use assets that meet the definition of investment real estate, right-of-use assets are presented in the balance sheet as a single line item.

The right-of-use asset recognized depreciation is using the straight-line basis from the date of the lease until the expiration of the useful life or the expiration of the lease term, the depreciation is provided that the title of the underlying asset will be

acquired at the end of the lease period or, if the cost of the right-of-use asset reflects the execution of the purchase option.

Lease liabilities

The lease liability is initially measured by the present value of the lease payment (including fixed payment, substantive fixed payment, change in lease payment depending on the index or rate, etc.). If the implied interest rate on the lease is easy to determine, the lease payment is discounted using that interest rate. If the interest rate is not easy to determine, the lessee's increase borrowing rate is used.

Subsequently, the lease liability is measured on an amortized cost basis using the effective interest method, and the interest expense is amortized over the lease term. If the lease period, the evaluation of the purchase choice, the amount of expected to be paid under the residual value guarantee or the change in the index or rate used to determine the lease payment result in a change in the future lease payment, the Group will measure the lease liability and adjust the right to use assets relatively. If the carrying amount has been reduced to zero, the remaining amount will recognize in the profit and loss. Lease liabilities are presented in a single-line project on the standalone balance sheet.

(11)Intangible assets

Intangible assets with finite useful lives that are acquired separately are measured at cost less accumulated amortization and accumulated impairment loss. Amortization is recognized on a straight-line basis over the following estimated lives: computer software - 1 to 3 years. The estimated useful life and amortization method are reviewed at the end of each reporting period, with the effect of any changes in estimate accounted for on a prospective basis.

(12)Impairment of non-financial assets

The Group assesses at each balance sheet date the recoverable amounts of those assets where there is an indication that they are impaired. An impairment loss is recognized for the amount by which the asset's carrying amount exceeds its recoverable amount. The recoverable amount is the higher of an asset's fair value less costs to sell or value in use. When the circumstances or reasons for recognizing impairment loss for an asset in prior years no longer exist, the impairment loss shall be reversed to the extent of the loss previously recognized in profit or loss.

(13)Provisions

Provisions (including short-term employee benefits, onerous purchase contract, and warranty estimation) are recognized when the Group has a present legal or constructive obligation as a result of past events, and it is probable that an outflow of economic

resources will be required to settle the obligation and the amount of the obligation can be reliably estimated. Provisions are measured at the present value of the expenditures expected to be required to settle the obligation on the balance sheet date, which is discounted using a pre-tax discount rate that reflects the current market assessments of the time value of money and the risks specific to the obligation. When discounting is used, the increase in the provision due to passage of time is recognized as interest expense. Provisions are not recognized for future operating losses.

(14) Employee benefits

A. Short-term employee benefits

Short-term employee benefits are measured at the undiscounted amount of the benefits expected to be paid in respect of service rendered by employees in a period and should be recognized as expenses in that period when the employees render service.

B. Pensions

a. Defined contribution plans

For defined contribution plans, the contributions are recognized as pension expenses when they are due on an accrual basis. Prepaid contributions are recognized as an asset to the extent of a cash refund or a reduction in the future payments.

b. Defined benefit plans

(a) Net obligation under a defined benefit plan is defined as the present value of an amount of pension benefits that employees will receive on retirement for their services with the Group in current period or prior period. The liability recognized in the balance sheet in respect of defined benefit pension plans is the present value of the defined benefit obligation at the balance sheet date less the fair value of plan assets, together with adjustments for unrecognized past service costs. The defined benefit net obligation is calculated annually by independent actuaries using the projected unit credit method. The rate used to discount is determined by using interest rates of high-quality corporate bonds that are denominated in the currency in which the benefits will be paid, and that have terms to maturity approximating to the terms of the related pension liability; when there is no deep market in high-quality corporate bonds, the Group uses interest rates of government bonds (at the balance sheet date) instead.

(b) Actuarial gains and losses arising on defined benefit plans are recognized in other comprehensive income in the period in which they arise and are recorded as retained earnings.

(c) Past service costs are recognized immediately in profit or loss.

C. Employees' bonus and directors' remuneration

Employees' bonus and directors' remuneration are recognized as expenses and

liabilities, provided that such recognition is required under legal or constructive obligation and those amounts can be reliably estimated. However, if the accrued amounts for employees' bonus and directors' remuneration are different from the actual distributed amounts as resolved by the shareholders at their shareholders' meeting subsequently, the differences should be recognized based on the accounting for changes in estimates.

D. Termination benefits

Termination benefits are employee benefits provided in exchange for the termination of employment as a result from either the Group's decision to terminate an employee's employment before the normal retirement date, or an employee's decision to accept an offer of redundancy benefits in exchange for the termination of employment. The Group recognizes expense when it can no longer withdraw an offer of termination benefits or it recognizes related restructuring costs, whichever is earlier. Benefits that are expected to be due more than 12 months after balance sheet date shall be discounted to their present value.

(15) Share capital and treasury shares

A. Share capital

Ordinary share is classified as equity. The classification of the preferred stock depends on the essence of the agreement. If the preferred stock matches the definition of the financial liability, it is classified as a liability. Otherwise, it is classified as equity. Incremental cost that can be attributed to the issuance of stocks or options is deducted from the capital issued.

B. Treasury Shares

When the Group acquires its outstanding shares, the repurchase considerations (including all directly accountable costs) are recognized under treasury shares and shown as a deduction in equity. Gains on disposal of treasury shares should be recognized under "capital surplus - treasury stock transactions"; losses on disposal of treasury shares should be offset against existing capital reserves arising from similar types of treasury shares. If there is insufficient capital surplus to offset the losses, then such losses should be accounted for under retained earnings. The carrying amount of treasury shares should be calculated using the weighted-average method for the purpose of repurchased shares.

When the Group's treasury shares are retired, the treasury share account should be credited, and the capital surplus - premium on stock account and capital stock account should be debited proportionately according to the share ratio. The carrying value of treasury shares in excess of the sum of its par value and premium on stock should first be offset against capital surplus from similar types of treasury share transactions, and

the remainder, if any, debited to retained earnings. The sum of the par value and premium on treasury shares in excess of its carrying value should be credited to capital surplus from similar types of treasury share transactions.

(16) Share-based payment transactions

- A. For the equity-settled share-based payment arrangements, the employee services received are measured at the fair value of the equity instruments granted at the grant date, and are recognized as compensation cost over the vesting period, with a corresponding adjustment to equity. The fair value of the equity instruments granted shall reflect the impact of market vesting conditions and non-market vesting conditions. Compensation cost is subject to adjustment based on the service conditions that are expected to be satisfied and the estimates of the number of equity instruments that are expected to vest under the non-market vesting conditions at each balance sheet date. And ultimately, the amount of compensation cost recognized is based on the number of equity instruments that eventually vest.
- B. Cash-settle share-based payment arrangements are the fair value of liabilities undertaken recognized in remuneration costs and liabilities in the vesting period and measured by the fair value of equity instruments offered at each balance sheet date and the settlement date. Any changes are recognized in profit or loss.

(17) Income tax

- A. The tax expense for the period comprises current and deferred tax. Tax is recognized in profit or loss, except to the extent that it relates to items recognized in other comprehensive income or items recognized directly in equity, in which cases the tax is recognized in other comprehensive income or equity.
- B. The current income tax charge is calculated on the basis of the tax laws enacted or substantively enacted at the balance sheet date in the countries where the Group and its subsidiaries operate and generate taxable income. Management periodically evaluates positions taken in tax returns with respect to situations in accordance with applicable tax regulations. It establishes provisions where appropriate based on the amounts expected to be paid to the tax authorities. An additional tax is levied on the unappropriated retained earnings and is recorded as income tax expense in the year the stockholders resolve to retain the earnings.
- C. Deferred income tax is recognized, using the balance sheet method, on temporary differences arising between the tax bases of assets and liabilities and their carrying amounts in the consolidated financial statements. However, the deferred income tax is not accounted for if it arises from initial recognition of goodwill or of an asset or liability in a transaction other than a business combination that at the time of the transaction affects neither accounting nor taxable profit or loss. Deferred income tax

is provided on temporary differences arising on investments in subsidiaries and associates, except where the timing of the reversal of the temporary difference is controlled by the Group and it is probable that the temporary difference will not reverse in the foreseeable future. Deferred income tax is determined using tax rates (and laws) that have been enacted or substantially enacted by the balance sheet date and are expected to apply when the related deferred income tax asset is realized or the deferred income tax liability is settled.

- D. Deferred income tax assets are recognized only to the extent that it is probable that future taxable profit will be available against which the temporary differences can be utilized. At each balance sheet date, unrecognized and recognized deferred income tax assets are reassessed.
- E. Current income tax assets and liabilities are offset and the net amount reported in the balance sheet when there is a legally enforceable right to offset the recognized amounts and there is an intention to settle on a net basis or realize the asset and settle the liability simultaneously. Deferred income tax assets and liabilities are offset on the balance sheet when the entity has the legally enforceable right to offset current tax assets against current tax liabilities and they are levied by the same taxation authority on either the same entity or different entities that intend to settle on a net basis or realize the asset and settle the liability simultaneously.
- F. Tax preference given for expenditures incurred on acquisitions of equipment or technology, research and development, employees' training and equity investments is recorded using the income tax credits accounting.

(18)Revenue Recognition

The Group recognizes revenues based on the following steps:

- A. Identifying the contracts;
- B. Identifying obligations in the contracts;
- C. Determining prices;
- D. Allocating prices into the obligations in the contracts;
- E. Recognizing revenues while fulfilling the obligations.

The Group does not adjust the promised amount of consideration for the effects of a significant financing component if the period between when the Group transfers a promised good or service to a customer and when the customer pays for that good or service will be one year or less.

A. Goods sales

The Group manufactures and sells machines and relevant products. Sales revenues are recognized while the control of goods is transferred to the customers since the

customers already have the rights to use, set price, take the major responsibility to resell the good and bear the risk of obsolescence. The Group recognizes revenues and accounts receivable at the point and presents it in net term after deducting sales return, quantity discount and sales allowance.

The Group does not recognize sales revenue on materials delivered to subcontractors because this delivery does not involve a transfer of risks and rewards of materials ownership.

B. Revenue from dividends and interests

- a. Dividend revenue from investments is recognized when the rights of shareholders to receive payment are established, provided that the economic profits arising from such transaction are highly probable to flow to the Group and the amount of such benefits can be reliably measured.
- b. Interest revenue is recognized based on outstanding principal and applicable effective interest according to passage of time on an accrual basis.

(19) Borrowing costs

Borrowing costs directly attributable to the acquisition, construction or production of qualifying assets are added to the cost of those assets, until such time as the assets are substantially ready for their intended use or sale.

Investment income earned on the temporary investment of specific borrowings pending their expenditure on qualifying assets is deducted from the borrowing costs eligible for capitalization.

All borrowing costs other than those stated above are recognized in profit or loss in the period in which they are incurred.

(20) Government subsidy

Government subsidies are recognized at fair value when it is reasonably certain that the Group will comply with the conditions attached to the government subsidies and will receive such subsidies.

Government subsidies are recognized in profit and loss on a systematic basis during the period when the relevant costs that they intend to compensate are recognized as expenses by the group. If government subsidy is used to compensate for expenses or losses that have occurred, or for the purpose of providing the Group with immediate financial support and there is no future related cost, it is recognized in the profit and loss during the period when it can be received. Government subsidies related to property, plant and equipment are recognized as non-current liabilities, and recognized as profits and losses on a straight-line basis based on the estimated useful life of the relevant assets.

5. CRITICAL ACCOUNTING JUDGMENTS, ESTIMATES AND KEY SOURCES OF ASSUMPTION UNCERTAINTY

The Group considers the economic implications of the COVID-19 when making its critical accounting estimates. The estimates and underlying assumptions are reviewed on an ongoing basis. The effect of a change in an accounting estimate shall be recognized prospectively by including it in profit or loss in the period of the change, if the change affects that period only, or in the period of the change and future periods, if the change affects both.

In the preparation of the standalone financial statements, the critical accounting judgments the Group has made and the major sources of estimation and assumption uncertainty are described as follows:

(1) Critical judgements in applying accounting policies

A. Revenue recognition

The Group follows IFRS 15 to determine if it controls the specified good or service before that good or service is transferred to the customer, and the Group is acting as a principal or an agent in that transaction. When the Group acts as an agent, revenue is recognized on a net basis.

The Group acts as a principal as that it meets one of the following situations:

- a. The Group gains control over the goods from the other party before transferring goods to customers.
- b. The Group controls the right of providing service by the other party in order to control the ability of the party to provide service to customers.
- c. The Group gain control over goods or service from the other party in order to combine with other goods or services to provide specific goods or services to customers.

The indicators (not limited to) which assist making judgment on whether the Group controls the goods or services before transferring goods or services to customers:

- a. The Group has primary responsibilities for the goods or services it provides;
- b. The Group bears inventory risk before transferring the specific goods or services to customer, or after transferring the control to customer (for example, if the customer has the right to return).
- c. The Group has the discretion to set prices.

B. Judgment of financial asset classification

The Group assesses the business model of financial assets based on the hierarchy that reflects the Group of financial assets that are jointly managed for specific business purposes. This assessment requires consideration of all relevant evidence, including measures of asset performance, risks affecting performance, and the manner in which the relevant managers are determined, and judgments are required. The Group continues to assess the adequacy of its business model and monitors the financial

assets measured by the amortized cost before the maturity date and the debt instrument investments measured at fair value through other comprehensive income. Evaluate whether the disciplinary action has the same goal of business model. If the business model has been changed, the Group delays the adjustment of the subsequent classification of financial assets. The Group reclassifies financial assets in accordance with IFRS 9, and the application will be postponed from the date of reclassification, if the business model has changed.

C. Lease term

In determining the lease term, the Group considers all the facts and circumstances that create an economic incentive to exercise (or not exercise) the option, including all expected change in facts and circumstances from the commencement date until the exercise date of the option. Factors considered include the contractual terms and conditions for the optional period, the significant leasehold improvements made (or expected) during the contract period, and the importance of the underlying assets to the Group's operations, etc. The lease term is reassessed if a significant change in circumstance that are within the control of the Group occurs.

(2) Critical accounting estimates and assumptions

A. Revenue Recognition

The Group recognizes records a refund for estimated future returns and other allowances in the same period the related revenue is recorded. Refund for estimated sales returns and other allowances is generally made and adjusted at a specific percentage based on historical experience and any known factors that would significantly affect the allowance, and our management periodically reviews the adequacy of the percentage used.

B. Estimated impairment of financial assets

The provisions for impairment of trade receivables, investment in debt instruments and financial guarantee contract are based on assumptions about risk of default and expected loss rates. The Group uses judgement in making these assumptions and in selecting the inputs to the impairment calculation, based on the Group's past history, existing market conditions as well as forward looking estimates at the end of each reporting period. Where the actual future cash inflows are less than expected, a material impairment loss may arise.

C. Process of fair value measurement and evaluation

When the assets and liabilities at fair value with no active market, the Group determines whether to use outside appraisal and using proper evaluation techniques based on related regulation or its own judgment. If the Level 1 input value is not available while evaluating, the Group refers to the analysis of the investee's financial position and operating outcome, recent trading price, quotes on non-active market of

same equity instrument, quotes on active market of similar equity instrument and evaluation multiples of comparable companies. If the future input value is different from expectation, the fair value might change. The Group updates input values quarterly according to the market status in order to monitor if the measurement of fair value is appropriate.

D. Impairment assessment of tangible and intangible assets

The Group assesses impairment based on its subjective judgement and determines the separate cash flows of a specific group of assets, useful lives of assets and the future possible income and expenses arising from the assets depending on how assets are utilized and industrial characteristics. Any changes of economic circumstances or estimates due to the change of Group strategy might cause material impairment on assets in the future.

E. Realisability of deferred income tax assets

Deferred income tax assets are recognized only to the extent that it is probable that future taxable profit will be available against which the deductible temporary differences can be utilized. Assessment of the realisability of deferred income tax assets involves critical accounting judgements and estimates of the management, including the assumptions of expected future sales revenue growth rate and profit rate, tax exempt duration, available tax credits, tax planning, etc. Any variations in global economic environment, industrial environment, laws, and regulations might cause material adjustments to deferred income tax assets.

F. Evaluation of inventories

As inventories are stated at the lower of cost and net realizable value, the Group must determine the net realizable value of inventories on balance sheet date using judgements and estimates. The Group evaluates the amounts of normal inventory consumption, obsolete inventories or inventories without market selling value on balance sheet date, and writes down the cost of inventories to the net realizable value.

G. Impairment assessment on investment using equity method

The Group assesses the impairment of investments accounted for using the equity method whenever triggering events or changes in circumstances indicate that an investment may be impaired and carrying value cannot be recoverable. The Group assesses the recoverable amount based on a projected future cash flow and receivable cash dividend of the investees, and disposal-generating future cash flow to ensure the reasonableness of such assumptions.

H. Calculation of accrued pension obligations

When calculating the present value of defined pension obligations, the Group must apply judgments and estimates to determine the actuarial assumptions on balance sheet date, including discount rates and future salary growth rate. Any changes in these

assumptions could significantly impact the carrying amount of defined pension obligations.

I. Lessees' incremental borrowing rates

At the time of the decision to increase the borrowing rate of the lessee used in the lease payment, the risk-free interest rate and the same currency is used as the reference rate, and the estimated lessee's credit risk sticker and lease specific adjustments (such as asset-specific and secured factors) are taken into account.

6. CONTENTS OF SIGNIFICANT ACCOUNTS

(1) Cash and cash equivalents

Item	December 31	
	2022	2021
Cash on hand	\$1,874	\$1,240
Checking account	420	328
Demand deposits	445,181	577,253
Cash equivalents:		
Time deposits with original maturities less than 3 months	617,353	86,118
Total	<u>\$1,064,828</u>	<u>\$664,939</u>

A. The financial institutions dealing with the Group are credit worthy, and the Group does transactions with a number of financial institutions to diversify credit risk that are unlikely to be expected to default.

B. The Group had no cash and cash equivalents pledged to others.

(2) Financial assets and liabilities at fair value through profit or loss

Item	December 31	
	2022	2021
<u>Financial assets - current</u>		
Non-derivative financial assets at FVTPL		
Domestic listed stock and ETF	\$5,130	\$506
Mutual funds	107,514	264,178
Corporation bonds	2,299	1,390
Callable bonds options	-	74
Total	<u>\$114,943</u>	<u>\$266,148</u>
<u>Financial assets – non-current</u>		
Bond call options	<u>\$19,800</u>	<u>\$-</u>

A. The Group recognized net gain (loss) on financial assets and liabilities at FVTPL were (\$10,006) thousand and \$949 thousand for the year ended December 31, 2022 and 2021, respectively.

- B. The Group had no financial assets at fair value through profit or loss pledged to others.
C. Please refer to Note 12 for credit risk management and evaluation method.

(3) Notes receivable, net

Item	December 31	
	2022	2021
At amortized cost		
Notes receivable	\$22,923	\$20,416
Less: Loss allowance	(43)	(24)
Net	<u>\$22,880</u>	<u>\$20,392</u>

- A. The Group had no notes receivable pledged to others.
B. Please refer to Note 6(4) for the relevant disclosure of loss allowance for notes receivable.

(4) Accounts receivable, net

Item	December 31	
	2022	2021
At amortized cost		
Accounts receivable	\$766,720	\$737,482
Less: Loss allowance	(14,770)	(7,247)
Net	<u>\$751,950</u>	<u>\$730,235</u>

- A. The accounts receivable that were neither past due nor impaired was following the Group's credit policy determined by reference to the industry characteristics, operation scale and current financial position of the counterparties. The average credit period on sales of goods for automated equipment was 4-6 months, 6-9 months for soft board equipment (except for the final payment, the final payment is generally about 10%-30%, and the credit period is based on the agreement, usually within 1 year after delivery.); other divisions were 3-4 months.
- B. The Group had no account receivable pledged to others.
- C. The Group applies the simplified approach to provisions for expected credit losses prescribed by IFRS 9, which permits the use of a lifetime expected credit losses provision for trade receivables. The expected credit losses on trade receivables are estimated by reference to preparation matrix, past account aging records of the debtor, an analysis of the debtor's current financial position, and industrial trend. As the Group's historical credit losses experience does not show significantly different loss patterns for different customer segments, the provision for losses based on past due status of notes receivable and accounts receivable is not further distinguished between the Group's different customer base.

D. The Group measures the loss allowance for notes receivable, accounts receivable and other receivables according to the preparation matrix (including related parties):

December 31, 2022	Expected Credit Loss Rate	Gross Carrying Amount	Loss Allowance (Lifetime ECL)	Amortized Cost
Not past due	0%-1%	\$ 681,741	(\$2,643)	\$ 679,098
Past due within 30 days	0%-20%	52,994	(5,564)	47,430
Past due 31-180 days	0%-20%	27,131	(1,709)	25,422
Past due over 181-365 days	0%-50%	21,067	(2,221)	18,846
Past over than 1 year	0%-100%	4,898	(864)	4,034
Counterparties show signs of default	100%	1,812	(1,812)	-
Total		<u>\$789,643</u>	<u>(\$14,813)</u>	<u>\$774,830</u>

December 31, 2021	Expected Credit Loss Rate	Gross Carrying Amount	Loss Allowance (Lifetime ECL)	Amortized Cost
Not past due	0%-1%	\$626,947	(\$2,861)	\$624,086
Past due within 30 days	0%-20%	79,507	(1,947)	77,560
Past due 31-180 days	0%-20%	48,000	(1,645)	46,355
Past due 181-365 days	0%-50%	3,010	(384)	2,626
Past over than 1 year	0%-100%	-	-	-
Counterparties show signs of default	100%	434	(434)	-
Total		<u>\$757,898</u>	<u>(\$7,271)</u>	<u>\$750,627</u>

E. Movements of the loss allowance for notes and accounts receivable (include related parties) were as follows:

Item	Year Ended December 31	
	2022	2021
Beginning balance	\$7,271	\$13,797
Add: Provision for impairment	7,677	-
Less: Reversal of impairment	-	(5,330)
Less: Write-offs	(188)	(1,166)
Less: Foreign exchange differences	53	(30)
Ending balance	<u>\$14,813</u>	<u>\$7,271</u>

The above provision has already taken into consideration of collateral or other credit enhancement. The other credit enhancement possessed by above receivables (such as L/C) were \$76,462 thousand and \$30,405 thousand as of December 31, 2022 and 2021, respectively.

The Group writes off a trade receivable when there is information indicating that the debtor is in severe financial difficulty and there is no realistic prospect of recovery of the receivable. For trade receivables that have been written off, the Group continues to engage in enforcement activity to attempt to recover the receivables which are due. Where recoveries are made, these are recognized in profit or loss. The Group's trade receivables for offsetting the contract amount were \$188 thousand and \$1,166 thousand for the years ended December 31, 2022 and 2021, respectively.

F. Please refer to Note 12 for the relevant credit risk management and assessment method.

(5) Inventories and operating costs

Item	December 31	
	2022	2021
Raw materials	\$616,934	\$548,189
Work in process	302,095	309,985
Finished goods	279,775	306,235
Total	<u>\$1,198,804</u>	<u>\$1,164,409</u>

A. The related inventory (gain) loss recognized as operating cost for the years ended December 31, 2022 and 2021 were as follows:

Item	Year Ended December 31	
	2022	2021
Cost of goods sold	\$2,038,973	\$1,663,466
Loss (Gain) on inventory valuation	56,085	21,586
Loss on disposal of inventory	1,363	713
Unallocated overheads and labor cost	2,517	4,495
Total	<u>\$2,098,938</u>	<u>\$1,690,260</u>

B. The Group recognized inventory valuation loss of \$56,085 thousand and \$21,586 thousand for the years ended December 31, 2022 and 2021, respectively, as a result of raising some product prices and reducing some inventory.

C. The Group had no inventories pledged to others.

(6) Other financial assets - current

Item	December 31	
	2022	2021
Time deposits with original maturities over 3 months	\$587,461	\$25,172
Restricted assets	18,391	36,574
Total	<u>\$605,852</u>	<u>\$61,746</u>

(7) Financial assets at fair value through other comprehensive income or loss - noncurrent

Item	December 31	
	2022	2021
Equity instruments :		
Domestic listed stocks	\$63,656	\$21,453
Subtotal	\$63,656	\$21,453
Valuation adjustment	(24,475)	292
Total	\$36,181	\$21,745

A. The Group invests in domestic listed and unlisted stocks in accordance with its medium/long-term strategies and expects to make a profit through long-term investment. Management of the Group believes that it is not consistent with the afore-mentioned long-term investment planning if the short-term fair value changes of such investment are presented in profit or loss. Therefore, the Group elects to designate such investment as to be measured at FVTOCI.

B. For related credit risk management and means of assessing, please refer to Note 12.

C. As of December 31, 2022 and 2021, the Group had no financial assets at FVTOCI pledged as collateral.

(8) Property, plant and equipment

Item	December 31	
	2022	2021
Land	\$51,515	\$51,515
Buildings	288,435	284,920
Machinery and equipment	396,588	386,090
Office equipment	16,843	17,168
Transportation facilities	14,945	9,026
Miscellaneous equipment	454,590	401,534
Equipment to be inspected and construction in progress	159,768	17,342
Total cost	\$1,382,684	\$1,167,595
Less: Accumulated depreciation	(796,467)	(722,158)
Less: Accumulated impairment	(9,890)	(9,751)
Total	\$576,327	\$435,686

	Land	Buildings and Structures	Machinery and Equipment	Miscellaneous Equipment (Note)	Equipment to be Inspected and Construction in Progress	Total
Cost						
Balance at January 1, 2022	\$51,515	\$284,920	\$386,090	\$427,728	\$17,342	\$1,167,595
Additions	-	3,599	10,210	16,105	156,402	186,316
Disposals	-	(141)	(2,811)	(13,546)	(6,000)	(22,498)
Reclassification	-	-	2,065	5,737	(7,802)	-
Transfer from inventories	-	-	-	50,020	-	50,020
Transfer to inventories	-	-	-	(1,423)	-	(1,423)
Transfer to expenses	-	-	-	(67)	-	(67)
Foreign exchange differences	-	57	1,034	1,824	(174)	2,741
Balance at December 31, 2022	\$51,515	\$288,435	\$396,588	\$486,378	\$159,768	\$1,382,684
Accumulated depreciation and impairment						
Balance at January 1, 2022	\$ -	\$98,081	\$345,631	\$288,197	\$ -	\$731,909
Depreciation	-	13,944	13,298	59,579	-	86,821
Disposals	-	(141)	(2,811)	(11,423)	-	(14,375)
Transfer to inventories	-	-	-	(168)	-	(168)
Foreign exchange differences	-	19	602	1,549	-	2,170
Balance at December 31, 2022	\$ -	\$111,903	\$356,720	\$333,734	\$ -	\$806,357

	Land	Buildings and Structures	Machinery and Equipment	Miscellaneous Equipment (Note)	Equipment to be Inspected and Construction in Progress	Total
Cost						
Balance at January 1, 2021	\$51,515	\$278,581	\$381,386	\$381,036	\$8,468	\$1,100,986
Additions	-	1,779	5,420	17,810	13,662	38,671
Disposals	-	(223)	(1,150)	(10,027)	-	(11,400)
Reclassification	-	4,800	582	(582)	(4,800)	-
Transfer from inventories	-	-	-	46,057	-	46,057
Transfer to inventories	-	-	-	(6,099)	-	(6,099)
Foreign exchange differences	-	(17)	(148)	(467)	12	(620)
Balance at December 31, 2021	\$51,515	\$284,920	\$386,090	\$427,728	\$17,342	\$1,167,595
Accumulated depreciation and impairment						
Balance at January 1, 2021	\$ -	\$85,009	\$328,824	\$244,499	\$ -	\$658,332
Depreciation	-	13,299	17,925	54,387	-	85,611
Disposals	-	(223)	(1,150)	(10,027)	-	(11,400)
Transfer to inventories	-	-	31	(281)	-	(250)
Foreign exchange differences	-	(4)	1	(381)	-	(384)
Balance at December 31, 2021	\$ -	\$98,081	\$345,631	\$288,197	\$ -	\$731,909

(Note) Including transportation facilities, office equipment and miscellaneous equipment.

A. The details of interest capitalized: None.

B. Impairment loss of property, plant and equipment amounted to both \$0 thousand for the year ended December 31, 2022 and 2021.

C. Property, plant and equipment pledged for the borrowings: Please refer to Note 8.

D. Reconciliations of current additions and the acquisition of property, plant and equipment in statement of cash flows were as follows:

Item	Year Ended December 31	
	2022	2021
Acquisition of property, plant and equipment	\$186,316	\$38,671
Decrease (increase) in equipment payable	(2,406)	(3,687)
Decrease (increase) in equipment notes payable	-	5,040
Cash paid for acquisition of property, plant and equipment	\$183,910	\$40,024

(9) Lease agreement

A. Right-of-use assets

Item	December 31	
	2022	2021
Land	\$141,864	\$64,457
Buildings	124,542	123,174
Transportation facilities	6,227	7,295
Total cost	\$272,633	\$194,926
Less: Accumulated depreciation	(87,479)	(67,031)
Accumulated impairment	-	-
Net	\$185,154	\$127,895

Cost	Land	Buildings	Transportation facilities	Total
Balance at January 1, 2022	\$64,457	\$123,174	\$7,295	\$194,926
Additions	76,942	4,887	2,055	83,884
Derecognition	-	(4,924)	(3,123)	(8,047)
Effect of exchange rate changes	465	1,405	-	1,870
Balance at December 31, 2022	\$141,864	\$124,542	\$6,227	\$272,633

Accumulated Depreciation and Impairment				
Balance at January 1, 2022	\$10,411	\$52,589	\$4,031	\$67,031
Depreciation	2,527	23,067	2,301	27,895
Derecognition	-	(4,924)	(3,123)	(8,047)
Effect of exchange rate changes	8	592	-	600
Balance at December 31, 2022	<u>\$12,946</u>	<u>\$71,324</u>	<u>\$3,209</u>	<u>\$87,479</u>

Cost	Land	Buildings	Transportation facilities	Total
Balance at January 1, 2021	\$31,996	\$118,165	\$6,348	\$156,509
Transfer from other non-current assets	32,593	-	-	32,593
Additions	-	5,374	1,696	7,070
Derecognition	-	-	(749)	(749)
Effect of exchange rate changes	(132)	(365)	-	(497)
Balance at December 31, 2021	<u>\$64,457</u>	<u>\$123,174</u>	<u>\$7,295</u>	<u>\$194,926</u>

Accumulated Depreciation and Impairment				
Balance at January 1, 2021	\$8,193	\$31,391	\$2,512	\$42,096
Depreciation	2,216	21,259	2,268	25,743
Derecognition	-	-	(749)	(749)
Effect of exchange rate changes	2	(61)	-	(59)
Balance at December 31, 2021	<u>\$10,411</u>	<u>\$52,589</u>	<u>\$4,031</u>	<u>\$67,031</u>

B. Lease liabilities

Item	December 31	
	2022	2021
Carrying amount of lease liabilities		
- current	\$28,754	\$23,031
- noncurrent	<u>\$129,842</u>	<u>\$76,562</u>

Ranges of discount rates for lease liabilities were as follows:

December 31	
2022	2021
1.56%-3.53%	1.80%-3.53%

Please refer to Note 12(2) for lease liabilities with repayment periods.

C. Material lease-in activities and terms

The Group leased some land, buildings and vehicles for operations, with the lease periods of 1 to 50 years. Part of the lease may be extended with its duration and is calculated based on the area of the land leased and the rate based on the announced land value of the current year. In accordance with the contract, without the lessor's consent, the Group is not allowed to sublet the leased object to the third party. There was no sign of impairment of right-of-use assets, hence the Group didn't assess the impairment as of December 31, 2022.

D. Sublet: None.

E. Other lease information:

a. The current lease relevant expense information was as follows:

Item	Year Ended December 31	
	2022	2021
Short-term lease expense	\$5,512	\$6,023
Low-value asset lease expense	\$346	\$439
Variable lease payments that excluded in the measurement of lease liabilities	\$ -	\$ -
Total cash outflow for leases (Note)	(\$31,600)	(\$29,273)

(Note): Including principle paid for current lease liabilities.

(10)Intangible assets

Item	December 31	
	2022	2021
Computer software	\$24,243	\$29,657
Others	5,000	5,000
Total cost	\$29,243	\$34,657
Less: Accumulated amortization	(17,412)	(15,913)
Net	\$11,831	\$18,744

	Computer Software	Others	Total
Cost			
Balance at January 1, 2022	\$29,657	\$5,000	\$34,657
Additions	2,038	-	2,038
Derecognition	(7,458)	-	(7,458)
Effect of exchange rate changes	6	-	6
Balance at December 31, 2022	\$24,243	\$5,000	\$29,243

Accumulated amortization and impairment			
Balance at January 1, 2022	\$13,663	\$2,250	\$15,913
Amortization	7,954	1,000	8,954
Derecognition	(7,458)	-	(7,458)
Effect of exchange rate changes	3	-	3
Balance at December 31, 2022	<u>\$14,162</u>	<u>\$3,250</u>	<u>\$17,412</u>

	Computer Software	Others	Total
Cost			
Balance at January 1, 2021	\$23,957	\$5,000	\$28,957
Additions	6,001	-	6,001
Derecognition	(300)	-	(300)
Effect of exchange rate changes	(1)	-	(1)
Balance at December 31, 2021	<u>\$29,657</u>	<u>\$5,000</u>	<u>\$34,657</u>
Accumulated amortization and impairment			
Balance at January 1, 2021	\$5,773	\$1,250	\$7,023
Amortization	8,191	1,000	9,191
Derecognition	(300)	-	(300)
Effect of exchange rate changes	(1)	-	(1)
Balance at December 31, 2021	<u>\$13,663</u>	<u>\$2,250</u>	<u>\$15,913</u>

(11)Refundable deposits

Item	December 31	
	2022	2021
Customs deposit	\$-	\$127
Rent deposits	7,683	8,010
Performance deposits	3,219	3,173
Others	1,798	3,221
Total	<u>\$12,700</u>	<u>\$14,531</u>

(12)Short-term loans

Borrowings Nature	December 31, 2022	
	Amount	Interest
Credit loan	<u>\$4,500</u>	2.47%

Borrowings Nature	December 31, 2021	
	Amount	Interest
Material loans	\$9,882	0.938%-0.94%
Credit loan	8,300	1.97%
Total	<u>\$18,182</u>	

Please refer to Note 8 for pledged asset information.

(13) Other payables

Item	December 31	
	2022	2021
Wages and salaries payable	\$68,977	\$61,890
Commission payable	64,800	38,370
Social security and provident fund payable	11,569	11,209
Insurance payable	4,507	3,807
Interest payable	94	58
Payable on equipment	6,866	4,460
Employees, directors and supervisors compensation payable-current	43,000	23,000
Others	34,123	22,646
Total	<u>\$233,936</u>	<u>\$165,440</u>

(14) Provisions - current

Item	December 31	
	2022	2021
Employee benefits	\$10,222	\$9,101
Warranty provisions	82,637	49,734
Total	<u>\$92,859</u>	<u>\$58,835</u>

	Provisions for		
	Employee Benefits	warranty	Total
Balance at January 1, 2022	\$9,101	\$49,734	\$58,835
Additional provisions recognized	10,063	66,819	76,882
Used in current period	(8,942)	(33,916)	(42,858)
Balance at December 31, 2022	<u>\$10,222</u>	<u>\$82,637</u>	<u>\$92,859</u>

		Provisions for	
	Employee Benefits	warranty	Total
Balance at January 1, 2021	\$7,678	\$39,393	\$47,071
Additional provisions recognized	9,099	53,493	62,592
Used in current period	(7,676)	(43,152)	(50,828)
Balance at December 31, 2021	\$9,101	\$49,734	\$58,835

A. Provision for employee benefits represents vested short-term service leave entitlements accrued.

B. The group provides warranties on machine products sold. Provision for warranty is estimated based on these products' historical warranty data.

(15)Long-term loans and corporate bonds payable - current portion

	December 31	
Item	2022	2021
Corporate bonds payable	\$ -	\$17,913
Long-term loans	16,799	12,344
Total	\$16,799	\$30,257

(16)Bonds Payable

	December 31	
Item	2022	2021
The second secured convertible domestic bonds	\$ -	\$18,000
The third unsecured convertible domestic bonds	1,000,000	-
Subtotal	\$1,000,000	\$18,000
Less: discounts on bonds payable	(68,530)	(87)
Less: current portion	-	(17,913)
Net	\$931,470	\$ -

A. Second secured convertible domestic bonds:

- a. The Company issued the 2nd secured domestic convertible bonds, which was approved by the regulatory authority on June 4, 2018. The total issuance amount is \$400,000 thousand and it is zero coupon bonds with the maturity of 5 years from June 20, 2018 to June 20, 2023. The convertible bonds are guaranteed by Taiwan Cooperative Bank Co., Ltd. The guarantee period is from bond amount collected to the date on which the bond principal and interest for bond conversion are fully settled. The scope of the guarantee includes the liabilities of the subordinated main debts such as the unpaid principal of the converted bonds plus the interest compensation payable.

- b. The conversion price of the bonds is set up based on the pricing model in the terms of the bonds. In the beginning, the conversion price was \$42.22. The company adjusts the conversion price due to changes in share capital, and the conversion price was \$41.31 and \$42.14 for the years ended December 31, 2022 and 2021, respectively. As of December 31, 2022, all the shares have been converted.
- c. Under the terms of the bonds, all bonds redeemed, matured and converted are retired and not to be re-issued; all rights and obligation attached to the bonds are also extinguished.
- d. The Company may repurchase all the bonds outstanding in cash at the bonds' face value after the following events occur during the period from the date after three months of the bonds issued to 40 days before the maturity date: (i) the closing price of the Company's common shares is above the then conversion price by 30% for 30 consecutive trading days, or (ii) the outstanding balance of the bonds is less than 10% of total initial issue amount.
- e. The bond holders have the right to require the Company to redeem all or any portion of the bonds at 3 year anniversary of the issuance, at the principal amount of the bonds with an interest calculated the rate of 3.03% per annum. As of December 31, 2022, the redemption were \$0 thousand.
- f. In accordance with the conversion provisions, after the bonds' conversion become effective, the rights and obligations of the new shares converted from the bonds are the same as the issued and outstanding common shares.
- g. As of December 31, 2022, the Company redeemed the issued convertible bonds from open market by own funds at principal amount to \$0 thousand.
- h. Please refer to Note 8 for the collateral of bonds payable.
- i. The adjustment of the second bonds payable and cash flow are as follows:

Item	Year Ended December 31	
	2022	2021
Conversion of bonds payable	\$18,000	\$214,400
Less: write-off of discounts on bonds payable	(39)	(1,597)
Less: write-off of financial assets at fair value through profit or loss	(21)	(2,865)
Changes in equities	(17,940)	(209,938)
Cash paid	\$ -	\$ -

B. Third unsecured convertible domestic bonds:

- a. The Company issued the 1st secured domestic convertible bonds, which was approved by the regulatory authority on June 22, 2022. The total issuance amount is \$1,000,000 thousand and it is zero coupon bonds with the maturity of 5 years

from July 13, 2022 to July 13, 2027. At maturity, the convertible bonds will be repaid in cash at the price of the bonds' face value by the company.

- b. The conversion price of the bonds is set up based on the pricing model in the terms of the bonds. As of December 31, 2022, the conversion price was \$67.60, and the converted shares were \$0 thousand shares.
- c. Under the terms of the bonds, all bonds redeemed, matured and converted are retired and not to be re-issued; all rights and obligation attached to the bonds are also extinguished.
- d. In accordance with the conversion provisions, the bond holders have the right to require the Company to convert shares at any time during the period from the date after three months of the bonds issued to the maturity date, except for the accordance with the conversion provisions and suspension of the transfer period in accordance with regulations. The rights and obligations of the new shares converted from the bonds are the same as the issued and outstanding common shares. The Company may repurchase all the bonds outstanding in cash at the bonds' face value.
- e. After the following events occur during the period from the date after three months of the bonds issued to 40 days before the maturity date: (i) the closing price of the Company's common shares is above the then conversion price by 30% for 30 consecutive trading days, or (ii) the outstanding balance of the bonds is less than 10% of total initial issue amount.
- f. The bond holders have the right to require the Company to redeem all or any portion of the bonds at 3 year or 4 year anniversary of the issuance, at the principal amount of the bonds with an interest calculated the rate of 1.5075% and 2.0151% per annum. As of December 31, 2022, the redemption were \$0 thousand.
- g. As of December 31, 2022, the Company redeemed the issued convertible bonds from open market by own funds at principal amount to \$0 thousand.
- h. The adjustment of the third bonds payable and cash flow are as follows:

Item	Year Ended December 31	
	2022	2021
Conversion of bonds payable	\$1,000,000	\$ -
Less: write-off of discounts on bonds payable	(75,396)	-
Less: write-off of financial liabilities at fair value through profit or loss	13,900	-
Capital surplus-stock warrants for corporate bond conversion	66,566	-
Cash received	<u>\$1,005,070</u>	<u>\$ -</u>

(17) Long-term loans and current portion of long-term loans

Item	December 31	
	2022	2021
Mortgage loans	\$106,530	\$68,500
Subtotal	\$106,530	\$68,500
Less: portion due within one year	(16,799)	(12,344)
Long-term loans	\$89,731	\$56,156
Interest rate range	1.86%-1.96%	1.36%-1.90%

Refer to Note 8 for assets pledged as collateral for long-term loans.

(18) Long-term deferred revenue

Item	December 31	
	2022	2021
Deferred revenue:		
Factory construction subsidy	\$17,638	\$ -
Equipment subsidy	5,972	-
Subtotal	23,610	-
Less: Cumulative recognized revenue	(464)	-
Less: Transfer to advance receipts within one year	(398)	-
Balance at December 31	\$22,748	\$ -

The factory construction subsidy is the subsidy for the factory construction given by the Nantong Economic & Technological Development Area's management committee, due to signing an investment agreement with the Group's subsidiary-Js E&R Engineering Co.,Ltd.

(19) Pension**A. Defined contribution plans**

- a. The pension system of the "Labor Pension Act" applicable to the company and Tech Wave Technology Co., Ltd. in the Group defined contribution retirement plan managed by the government, and 6% of the employee's monthly salary is transferred to the personal account of the Labor Insurance Bureau.
- b. The employees of the Group's subsidiaries in foreign regions are members of the local government's retirement benefit plan. The Group's obligation to the retirement benefit plan operated by the local government is only to allocate a specific proportion of salary costs to the retirement benefit plan.

- c. The total expenses recognized in the statements of comprehensive income were \$30,516 thousand and \$27,020 thousand, representing the contributions payable to these plans by the Group at the rates specified in the plans for the years ended December 31, 2022 and 2021, respectively.

B. Defined benefit plans

- a. The company and Tech Wave Technology Co., Ltd. in the Group has defined benefit plans under the Labor Standards Law that provide benefits based on an employee's length of service and average monthly salary for the six-month period prior to retirement. The aforementioned companies contribute an amount equal to 2.51% and 2% of salaries paid each month to their respective pension funds (the Funds), which are administered by the Labor Pension Fund Supervisory Committee (the Committee) and deposited in the Committee's name in the Bank of Taiwan. Before the end of each year, the Group assesses the balance in the Funds. If the amount of the balance in the Funds is inadequate to pay retirement benefits for employees who conform to retirement requirements in the next year, the Group is required to fund the difference in one appropriation that should be made before the end of March of the next year. The Funds are operated and managed by the government's designated authorities; as such, the Group does not have any rights to intervene in the investments of the Funds.
- b. The amounts arising from the defined benefit obligation of the Group in the balance sheets were as follows:

Item	December 31	
	2022	2021
Present value of defined benefit obligation	\$30,119	\$32,560
Fair value of plan assets	(19,515)	(20,581)
Net defined benefit liabilities/assets	\$10,604	\$11,979

- c. Movements of the net defined benefit liabilities were as follows:

Item	Year Ended December 31, 2022		
	Present Value of Defined Benefit Obligation	Fair Value of Plan Assets	Net Defined Benefit Liabilities
Balance, at January 1	\$32,560	(\$20,581)	\$11,979
Service cost			
Service cost-current	-	-	-
Interest expense (income)	193	(123)	70
Recognized in profit or loss	\$193	(\$123)	\$70

Remeasurement

Return on plan assets (excluding amounts included in net interest expense)	\$ -	(\$1,603)	(\$1,603)
Actuarial loss (gain)			
Changes in demographics assumptions	(1,457)	-	(1,457)
Experience adjustments	1,819	-	1,819
Recognized in other comprehensive income	\$362	(\$1,603)	(\$1,241)
Contributions from the employer	\$ -	(\$204)	(\$204)
Benefits paid from plan assets	(2,996)	2,996	-
Balance at December 31	\$30,119	(\$19,515)	\$10,604

Year Ended December 31, 2021

Item	Present Value of Defined Benefit Obligation	Fair Value of Plan Assets	Net Defined Benefit Liabilities
Balance at January 1	\$33,960	(\$21,239)	\$12,721
Service cost			
Service cost-current	-	-	-
Interest expense (income)	133	(82)	51
Recognized in profit or loss	\$133	(\$82)	\$51
Remeasurement			
Return on plan assets (excluding amounts included in net interest expense)	\$ -	(\$315)	(\$315)
Actuarial loss (gain) -			
Changes in financial assumptions	(716)	-	(716)
Experience adjustments	(294)	-	294
Recognized in other comprehensive income	(\$422)	(\$315)	(\$737)
Contributions from the employer	-	(56)	(56)
Benefits paid from plan assets	(1,111)	1,111	-
Balance at December 31	\$32,560	(\$20,581)	\$11,979

d. Through the defined benefit plans under the Labor Standards Law, the Group is exposed to the following risks:

(a) Investment risk

The pension funds are invested in equity and debt securities, bank deposits, etc. The investment is conducted at the discretion of the government's designated authorities or under the mandated management. However, under the Labor Standards Law, the rate of return on assets shall not be less than the average interest rate on a two-year time deposit published by the local banks and the government is responsible for any shortfall in the event that the rate of return is less than the required rate of return.

(b) Interest risk

A decrease in the government bond interest rate will increase the present value of the defined benefit obligation; however, this will be partially offset by an increase in the return on the debt investments of the plan assets.

(c) Salary risk

The present value of the defined benefit obligation is calculated by reference to the future salaries of plan participants. As such, an increase in the salary of the plan participants will increase the present value of the defined benefit obligation.

- e. The actuarial valuations of the present value of the defined benefit obligation were carried out by qualified actuaries. The principal assumptions of the actuarial valuation were as follows:

	Measurement Date	
	December 31, 2022	December 31, 2021
Discount rate	1.25%-1.30%	0.55%-0.60%
Future salary increase rate	2.00%-2.50%	2.00%
The weighted average duration of the defined benefit obligation	8-11 years	9-12 years

- (a) Assumptions regarding future mortality experience are set based on actuarial valuation in accordance with the 6th version of Taiwan Standard Ordinary Experience Mortality Tables.

- (b) If possible reasonable change in each of the significant actuarial assumptions will occur and all other assumptions will remain constant, the present value of the defined benefit obligation would increase (decrease) as follows:

Item	December 31	
	2022	2021
Discount Rate		
0.25% higher	(\$561)	(\$1,000)
0.25% lower	\$589	\$1,078
Expected rates of salary increase		
0.25% higher	\$521	\$995
0.25% lower	(\$500)	(\$932)

The sensitivity analysis presented above may not be representative of the actual change in the defined benefit obligation as it is unlikely that the change in assumptions would occur in isolation of one another as some of the assumptions may be correlated.

- f. The Group expects to make contributions of \$206 thousand to the defined benefit plans for the year ended December 31, 2023.

(20)Share capital

A. Movements in the number of the Company's ordinary shares outstanding were as follows:

Item	Year Ended December 31, 2022	
	Shares (in thousands)	Amount
Balance at January 1	100,048	\$1,000,475
Conversion of bonds payable	188	1,878
Employee stock options	535	5,350
Balance at December 31	100,771	\$1,007,703

Item	Year Ended December 31, 2021	
	Shares (in thousands)	Amount
Balance at January 1	84,153	\$841,523
Conversion of bonds payable	6,303	63,027
Capital increase in cash	10,000	100,000
Employee stock options	422	4,225
Retirement of treasury stock	(830)	(8,300)
Balance at December 31	100,048	\$1,000,475

- a. As of December 31, 2022, the authorized capital are \$1,200,000 thousand, consisting of 120,000 thousand shares. (including \$5,000 thousands shares for the conversion of stock warrants, preferred shares with stock warrants or corporate bonds with stock warrants.
- b. On May 4, 2018, the Company's board of directors resolved to issue employee stock option certificates totaling 1,000 units, and each stock option certificate represents the right to purchase 1,000 shares of E&R. The issuance of stock option certificates was approved by FSC on September 5, 2018.
- c. On April 29, 2021, the Company's board of directors resolved to issue employee stock option certificates totaling 500 units, and each stock option certificate represents the right to purchase 1,000 shares of E&R. The issuance of stock option certificates was approved by FSC on October 12, 2021.
- d. The Company's employee stock options have been converted to ordinary shares totaling 548 thousand shares and 422 thousand shares, with \$15.40 per share and \$15.70 per share in 2022 and 2021, respectively. As of December 31, 2022 and 2021, while 13 thousand shares and 0 thousand shares with par value of \$125 thousand and 0 thousand were not yet completed the registration, respectively, and was recorded under capital collected in advance.
- e. The Company's corporate bonds have been converted to ordinary stock shares totaling \$18,000 thousand and \$214,400 thousand in 2022 and 2021, and the

numbers of conversion were 436 thousand shares and 5,079 thousand shares. As of December 31, 2022 and 2021, while 133 and 5,024 thousand shares have completed the registration and have been converted to stock capital totaling, 303 thousand shares and 55 thousand shares were not yet completed the registration, and \$3,026 thousand and \$546 thousand was recorded as bond conversion entitlement certificates, respectively.

- f. On March 10, 2021, the Company's board of directors resolved to issue 10,000 thousand ordinary shares, with a par value of \$10 for repaying loans and enrich capital. The issuance of ordinary shares was approved by the FSC on April 27, 2021, and the board of directors set the subscription base date at July 14, 2021 with the issue price of \$66 per share, and all shares have been paid on July 13, 2021.

(21)Capital surplus

Item	December 31	
	2022	2021
Additional paid-in capital	\$1,167,228	\$1,141,886
Difference between consideration and carrying amount of subsidiaries acquired or disposed	4,832	4,068
Stock options	74,434	9,134
Treasury share transactions	16,020	-
Others-disgorgement	9,083	8,977
Total	<u>\$1,271,597</u>	<u>\$1,164,065</u>

Under the Company Act, the capital surplus generated from the excess of the issuance price over the par value of capital stock and donations can be used to offset deficit or may be distributed as stock dividends or in cash. Under the regulations of the Security Exchange Law, the maximum amount transferred from the foregoing capital surplus to the Company's capital per year shall not be over 10% of the Company's paid-in capital. Capital surplus can't be used to offset deficit unless legal reserve is insufficient. The capital surplus from long-term investments may not be used for any purpose.

(22) Share-Based Payment

A. Employee stock option-issued on June, 2019

On June 1, 2019, the Company approved to issue employee stock options for 1,000 units. For each share option, the holder may subscribe for 1,000 ordinary shares of the Company at \$16 per share, not less than 50% of the Company's ordinary stock closing price. For any subsequent changes in the Company's capital structure, the exercise price is accordingly adjusted. The options are valid for 4 years and exercisable at certain percentages after the second anniversary from the grant date. The compensation costs of employee stock option recorded by the Company were \$954 thousand and \$3,744 thousand for the years ended December 31, 2022 and 2021, respectively.

- a. Numbers and Weighted-average exercise price of stock options for the years ended December 31, 2022 and 2021 are as follows:

	Year Ended December 31			
	2022		2021	
	Shares	Weighted-average Exercise Price	Shares	Weighted-average Exercise Price
Employee Stock Option	(in thousand)	per Share (NT\$)	(in thousand)	per Share (NT\$)
Outstanding at beginning of year	578	15.70	1,000	15.70
Granted	-	-	-	-
Exercised	(548)	15.40	(422)	15.70
Forfeited	-	-	-	-
Outstanding at end of year	30	15.40	578	15.70
Authorized but not issued yet at end of year	30		578	

- b. As of December 31, 2022 and 2021, information about outstanding employee stock options are as follows:

	December 31	
	2022	2021
Range of exercise price (NT\$)	15.4	15.7
Weighted-average expected	0.42 years	1.42 years
Remaining years		

- c. The Company used the Black-Scholes Option Pricing Model to estimate the fair value of option granted, and information of calculating the fair value are as follows:

Grant date	June 1, 2019
Dividend yield	0%
Expected volatility	41.92%~43.92%
Risk-free interest rate	0.54%~0.55%
Expected life	3~3.5 years
The fair value of weight-average price (Per share)	\$14.86~\$15.02

B. Employee stock option-issued on November, 2021

On November 15, 2021, the Company approved to issue employee stock options for 500 units. For each share option, the holder may subscribe for 1,000 ordinary shares of the Company at \$32 per share, not less than 50% of the Company's ordinary stock closing price. For any subsequent changes in the Company's capital structure, the

exercise price is accordingly adjusted. The options are valid for 5 years and exercisable at certain percentages after the second anniversary from the grant date. The compensation costs of employee stock option recorded by the Company were \$6,583 thousand and \$841 thousand for the years ended December 31, 2022 and 2021, respectively.

- a. Numbers and Weighted-average exercise price of stock options for the years ended December 31, 2022 and 2021 are as follows:

Employee Stock Option	Year Ended December 31			
	2022		2021	
	Shares	Weighted-average Exercise Price	Shares	Weighted-average Exercise Price
	(in thousand)	per Share (NT\$)	(in thousand)	per Share (NT\$)
Outstanding at beginning of year	500	32.00	-	-
Granted	-	-	500	32.00
Exercised	-	-	-	-
Forfeited	-	-	-	-
Outstanding at end of year	500	32.00	500	32.00
Authorized but not issued yet at end of year	500		500	

- b. As of December 31, 2022 and 2021, information about outstanding employee stock options are as follows:

	December 31	
	2022	2021
Range of exercise price (NT\$)	32	32
Weighted-average expected Remaining years	3.875years	4.875 years

- c. The Company used the Black-Scholes Option Pricing Model to estimate the fair value of option granted, and information of calculating the fair value are as follows:

Grant date	November 15, 2021
Dividend yield	0%
Expected volatility	43.12%~43.63%
Risk-free interest rate	0.40%~0.43%
Expected life	3.5~4.5 years
The fair value of weight-average price (Per share)	\$35.52~\$37.02

C. Treasury stock transfer to employees: please refer to Note 6(25).

D. Capital increase in cash reserved for subscription by employees

Year ended December 31, 2022: None.

Year ended December 31, 2021:

The Company's capital increase in cash reserved for subscription by employees were 1,000 thousand shares, and related compensation cost on share-based payment was \$5,800 thousand. The details are as follows:

	Equity settlement
	Capital Increase in Cash Reserved for Subscription by employees
Grant date	June 17, 2021
Granted	1,000 thousand shares
Exercised	0 thousand shares
Expired	0 thousand shares
Grant object	The Company's employees
Vesting conditions	Immediately

Fair value was measured using the Black-Scholes Option Pricing Model and the inputs to the model are as follows:

	Capital Increase in Cash Reserved for Subscription by employees
The fair value per share at grant date	\$5.80
Share price per share at the grant date	\$70.60
Exercise price	\$66
Expected volatility (%)	45.12%
Option life	0.056 years
Expected dividend yield rate	0%
Risk free interest rate (%)	0.15%

The compensation cost on share-based payment was \$5,800 thousand for the year ended December 31, 2021.

(23)Retained earnings and dividend policy

A. As stipulated in the Company's Articles of Incorporation, the current earnings, if any, shall be distributed in the following order:

a. Payment of taxes and duties.

b. Covering prior years' accumulated deficit, if any.

c. Set aside 10% of the remaining amount as legal reserve until the legal reserve equals to the Company's paid-in capital.

- d. Set aside a certain amount as special reserve, if any. And the remaining amount plus prior year's unappropriated earnings will be proposed by the board of directors and approved through the shareholders' meeting.
- e. The company distribute dividends on cash, after more than two-thirds of the directors, present at the meeting and more than half of the directors agree, the board of directors is authorized to do so and report to the general meeting of shareholders.

The Company's operating environment is the growth stage. In views of capital expenditure demand, business expansion need, and sound financial planning for sustainable development, the Company's dividend policy stipulates appropriated dividend distribution ratio, and at least 10% of total dividends may be distributed as cash dividends. However, the accumulated distributable earnings that are less than 5% of the paid-in capital may not be distributed.

- B. Legal reserve may be used to offset a deficit, and be transferred to capital or distributed in cash. However, legal reserve can be transferred to capital or distributed in cash only when the legal reserve has exceeded 25% of the Company's paid-in capital.

C. Special reserve

Item	December 31	
	2022	2021
Reserve for the debit balance of other equities	\$11,185	\$11,063

While earning distribution, the earnings can be distributed after appropriation of the equivalent amount of the debit balance of the other equities of the balance sheet.

- D. The appropriation of 2021 and 2020 earnings had been resolved at the shareholders' meeting in June 2022 and August 2021, respectively. Details were summarized below:

Item	Amount		Dividends Per Share	
	2021	2020	2021	2020
Legal reserve	\$21,901	\$16,127		
Special reserve	122	11,063		
Cash dividends	158,240	104,688	1.6	1.2
Total	\$180,263	\$131,878		

E. The appropriation of 2022 earnings had been proposed by the Board of Directors on March 7, 2023. Details were summarized below:

Item	Amount	Dividends Per Share
Legal reserve	\$39,149	
Special reserve	25,224	
Cash dividends	195,545	2
Total	<u>\$259,918</u>	

The appropriations of legal reserve and special reserve for 2022 are to be presented for approval in the shareholders' meeting to be held in June 2023.

F. Information on the earnings appropriation proposed by the Company's Board of Directors and approved by the Company's shareholders is available on the Market Observation Post System website of the Taiwan Stock Exchange.

(24)Other equity

Item	Exchange differences on translation of foreign financial statements	Unrealized gain (loss) on financial asset at fair value through other comprehensive income	Total
Balance at January 1, 2022	(\$11,477)	\$292	(\$11,185)
Exchange difference on translation of financial statements of foreign operating institutions	2,543	-	2,543
Unrealized gain (loss) on financial assets at fair value through other comprehensive income	-	(27,767)	(27,767)
Balance at December 31, 2022	<u>(\$8,934)</u>	<u>(\$27,475)</u>	<u>(\$36,409)</u>

Item	Exchange differences on translation of foreign financial statements	Unrealized gain (loss) on financial asset at fair value through other comprehensive income	Total
Balance at January 1, 2021	(\$11,063)	\$ -	(\$11,063)
Exchange difference on translation of financial statements of foreign operating institutions	(414)	-	(414)
Unrealized gain (loss) on financial assets at fair value through other comprehensive income	-	292	292
Balance at December 31, 2021	<u>(\$11,477)</u>	<u>\$ 292</u>	<u>(\$11,185)</u>

(25)Treasury shares

A. The related information on the treasury share transactions was as follows:

(In Thousand Shares)

Reason to Reacquire	Year Ended December 31, 2022			
	Beginning of Year	Addition During the Year	Reduction During the Year	End of Year
To transfer to employees	1,202	989	(368)	1,823
To maintain the Company's credibility and shareholder's interest	-	1,490	-	1,490

Reason to Reacquire	Year Ended December 31, 2021			
	Beginning of Year	Addition During the Year	Reduction During the Year	End of Year
To transfer to employees	1,209	834	(841)	1,202
To maintain the Company's credibility and shareholder's interest	-	830	(830)	-

- a. To transfer to employees the Company's board of directors resolved on October 13, 2022 to buy back up to 1,000 thousand common shares between October 14, 2022, and November 13, 2022. As of the last day of the buyback period, the Company had bought back 989 thousand shares at a total amount of \$51,706 thousand.
- b. To maintain the Company's credibility and shareholders' interest, the Company's board of directors resolved on October 13, 2022 to buy back up to 1,500 thousand common shares between November 14, 2022 and December 13, 2022. As of the last day of the buyback period, the Company had bought back 1,490 thousand shares at a total amount of \$82,535 thousand.
- c. To transfer to employees the Company's board of directors resolved on August 17, 2021 to buy back up to 1,000 thousand common shares between September 18, 2021 and October 17, 2021. As of the last day of the buyback period, the Company had bought back 834 thousand shares at a total amount of \$54,075 thousand.
- d. To maintain the Company's credibility and shareholders' interest, the Company's board of directors resolved on August 17, 2021 to buy back up to 1,000 thousand common shares between August 18, 2021 and September 17, 2021. As of the last day of the buyback period, the Company had bought back 830 thousand shares at a total amount of \$53,368 thousand. The treasury shares have been retired in November, 2021.
- e. To transfer to employees the Company's board of directors resolved on July 11, 2019 to buy back up to 800 thousand common shares between July 12, 2019 and

September 11, 2019. As of the last day of the buy back period, the Company had bought back 698 thousand shares at a total amount of \$20,166 thousand. While 330 thousand shares transfer to employees in 2021, 368 thousand shares will transfer to employees in April, 2022.

- f. To transfer to employees the Company's board of directors resolved on October 18, 2018 to buy back up to 1,000 thousand common shares between October 19, 2018 and November 18, 2018. As of the last day of the buyback period, the Company had bought back 993 thousand shares at a total amount of \$28,770 thousand, and sold out 2 thousand shares at a total amount of \$58 thousand. As of the last day of the buy back period, the balance is 991 thousand shares at a total amount of \$28,712 thousand, all of them have been transferring to employees as of December 31, 2021.
- B. Based on the Securities and Exchange Act of the ROC, the number of reacquired shares should not exceed 10% of a company's issued and outstanding shares, and the total purchase amount should not exceed the sum of the retained earnings, additional paid-in capital in excess of par and realized capital surplus.
- C. Under the Securities and Exchange Act, the Company shall neither pledge treasury shares nor exercise shareholders' rights on these shares, such as rights to dividends and to vote.
- D. Pursuant to the ROC Securities and Exchange Law, treasury shares that due to transfer to employees should be transferred within three years from reacquisition date, and those haven't been transferred within the limit are deemed as unissued shares, and they should be retired. And treasury shares that due to maintain the Company's credibility and shareholder's interest should be retired within six months from reacquisition date.
- E. In April 2022, the Company transferred 368 thousand shares to employees for subscription in accordance with "Measures for Buying Back Company Shares and Transferring Employees". On the giving date, it was estimated based on the Black-Scholes evaluation model, and the compensation cost recognized for transferring treasury shares to employees was \$16,052 thousand for the year ended December 31, 2022.

a. The transaction details of share-based payment are as follows:

Type	Date	Quantity	Contract period	Vested conditions	The actual retired rate	The expected retired rate
Transferring to employees	2022.4.20	368 thousand Shares	-	Immediately	-	-

- b. The Company uses the Black-Scholes evaluation model to estimate the fair value, and the relevant information is as follows:

Type	Date	Share price	Strike price	Expected Volatility rate	Duration (year)	Expected allotment rate	Risk free rate	Fair value (per unit)
Transferring to employees	2022.4.20	\$72.5	\$28.89	44.13%	0.06	-	0.41%	\$43.62

F. In November 2021, the company transferred 330 thousand shares to employees for subscription in accordance with “Measures for Buying Back Company Shares and Transferring Employees”. On the giving date, it was estimated based on the Black-Scholes evaluation model, and the compensation cost recognized for transferring treasury shares to employees was \$11,916 thousand for the year ended December 31, 2021.

a. The transaction details of share-based payment are as follows:

Type	Date	Quantity	Contract period	Vested conditions	The actual retired rate this year	The expected retired rate
Transferring to employees	2021.11.3	330 thousand Shares	-	Immediately	-	-

b. The Company uses the Black-Scholes evaluation model to estimate the fair value, and the relevant information is as follows:

Type	Date	Share price	Strike price	Expected Volatility rate	Duration (year)	Expected allotment rate	Risk free rate	Fair value (per unit)
Transferring to employees	2021.11.3	\$65	\$28.89	44.95%	0.07	-	0.23%	\$36.11

(26)Non-controlling interests

Item	Year Ended December 31	
	2022	2021
Balance at January 1	\$60,373	\$51,768
Attributable to non-controlling interests:		
Net profit (loss)	(654)	163
Other comprehensive income	828	(284)
Increase in non-controlling interests	19,115	9,207
- new acquisition		
Decrease in non-controlling interests - sale	(9,871)	-
Increase(Decrease) in non-controlling interests	228	(481)
- cash capital increase was not subscribed according to the shareholding ratio		
Decrease in non-controlling interests	(764)	-
- difference between acquisition cost and net equity value		
Balance at December 31	\$69,255	\$60,373

(27)Operating revenues

Item	Year Ended December 31	
	2022	2021
Revenue from contracts with customer		
Total revenues	\$3,227,291	\$2,551,773
Sales returns	(888)	(1,378)
Sales discount	(3,405)	(5,613)
Net	<u>\$3,222,998</u>	<u>\$2,544,782</u>

A. Explain of contract revenue

Sales of mechanical products ,flexible print circuit and semiconductor materials are mainly to downstream customer. It is sold at the price agreed in the contract.

B. Contract revenue details:

The Group's revenue can be categorized into the following main products and area:

2022:

	Automatic machinery	Electronics	Net amount
Main area			
Taiwan	\$1,000,942	\$70,490	\$1,071,432
Hong Kong & China	703,637	224,876	928,513
Southeast Asia	775,240	129,074	904,314
America	280,791	-	280,791
Europe	10,470	-	10,470
Others	132	27,346	27,478
Total	<u>\$2,771,212</u>	<u>\$451,786</u>	<u>\$3,222,998</u>
Main products			
Automatic machinery	\$2,771,212	\$ -	\$2,771,212
Flexible print circuit	-	68,820	68,820
Semiconductor materials	-	379,210	379,210
Others	-	3,756	3,756
Total	<u>\$2,771,212</u>	<u>\$451,786</u>	<u>\$3,222,998</u>
Timing of revenue recognition			
At a certain point of time	\$2,771,212	\$451,786	\$3,222,998
Gradually over time	-	-	-
Total	<u>\$2,771,212</u>	<u>\$451,786</u>	<u>\$3,222,998</u>

2021:

	Automatic machinery	Electronics	Net amount
<u>Main area</u>			
Taiwan	\$561,311	\$82,402	\$643,713
Hong Kong & China	869,535	262,309	1,131,844
Southeast Asia	378,988	111,797	490,785
America	138,022	-	138,022
Europe	58,466	-	58,466
Others	42,312	39,640	81,952
Total	<u>\$2,048,634</u>	<u>\$496,148</u>	<u>\$2,544,782</u>
<u>Main products</u>			
Automatic machinery	\$2,048,634	\$ -	\$2,048,634
Flexible print circuit	-	98,464	98,464
Semiconductor materials	-	393,990	393,990
Others	-	3,694	3,694
Total	<u>\$2,048,634</u>	<u>\$496,148</u>	<u>\$2,544,782</u>
<u>Timing of revenue recognition</u>			
At a certain point of time	\$2,048,634	\$496,148	\$2,544,782
Gradually over time	-	-	-
Total	<u>\$2,048,634</u>	<u>\$496,148</u>	<u>\$2,544,782</u>

C. Contract balances

The Group recognizes the receivable, contract assets and contract liabilities related to contract revenue as follows:

	December 31	
Item	2022	2021
Receivable	\$774,830	\$750,627
Contract assets	-	-
Total	<u>\$774,830</u>	<u>\$750,627</u>
Contract liabilities - current	<u>\$37,187</u>	<u>\$185,282</u>

a. Significant changes in contract assets and contract liabilities

The changes in the contract assets and contract liabilities primarily result from the timing difference between the satisfaction of performance obligation and the customer's payment, and there is no other significant changes.

b. Amount from previous period's satisfied performance obligations and beginning contract liabilities recognized in the current period as income were as follows:

Revenue in the current period	Year Ended December 31	
	2022	2021
From beginning balance- contract liabilities	\$182,133	\$10,605
From previous period's satisfied performance obligations	\$ -	\$ -

(28)Labor cost, depreciation and amortization

Item	Year ended December 31, 2022		
	Operating cost	Operating expenses	Total
Labor cost			
Salaries	\$119,884	\$319,723	\$439,607
Insurance	3,921	21,968	25,889
Pension	14,400	16,186	30,586
Others	6,615	11,052	17,667
Depreciation	49,102	65,614	114,716
Amortization	-	8,954	8,954
Total	\$193,922	\$443,497	\$637,419

Item	Year ended December 31, 2021		
	Operating cost	Operating expenses	Total
Labor cost			
Salaries	\$102,558	\$267,852	\$370,410
Insurance	3,971	19,086	23,057
Pension	13,536	13,535	27,071
Others	6,432	9,261	15,693
Depreciation (Note)	47,888	60,561	108,449
Amortization	-	9,191	9,191
Total	\$174,385	\$379,486	\$553,871

Note: Excluding other loss of \$2,905 thousand.

1. The Company accrued employees' compensation and remuneration to directors at the rates 5%~10% and not higher than 3% of net income before income tax, employees' compensation and remuneration to directors during the period. If there is a change in the amounts after the annual financial statements were authorized for issue, the differences are recorded as a change in the accounting estimate.

2. The employees' compensation and remuneration to directors for the years ended December 31, 2022 and 2021 had been approved by the Company's Board of Directors meeting held on March 7, 2023 and March 23, 2022, respectively, and the relevant amounts recognized in the consolidated financial statement were as follows:

	Year ended December 31			
	2022		2021	
	Employees' compensation	Remuneration to directors	Employees' compensation	Remuneration to directors
Resolution amount of allotment	\$32,250	\$10,750	\$16,429	\$6,571
Recognized in the annual financial statements	32,250	10,750	16,429	6,571
Difference	\$ -	\$ -	\$ -	\$ -

The above mentioned employees' compensation will be paid by cash.

3. Information about the appropriation of employees' compensation and directors' remuneration by the Company as proposed by the Board of Directors and resolved by the shareholders will be posted in the "Market Observation Post System" at the website of the Taiwan Stock Exchange.

(29)Interest income

Item	Year Ended December 31	
	2022	2021
Interest on bank deposits	\$10,843	\$1,279
Interest on deposit calculation	5	13
Total	\$10,848	\$1,292

(30)Other income

Item	Year Ended December 31	
	2022	2021
Rental income	\$91	\$662
Dividend income	473	-
Others		
Payable unpaid transfer to income	1,443	5,369
Others	7,517	2,418
Subtotal	\$8,960	\$7,787
Total	\$9,524	\$8,449

(31)Other gains and losses

Item	Year Ended December 31	
	2022	2021
Gain (loss) on foreign exchange, net	\$93,671	(\$10,862)
Gain (loss) on disposal of financial assets at FVTPL	1,204	977
Financial assets at FVTPL and gain (loss) on valuation of liabilities	(11,210)	(28)
Gain (loss) on disposal of property, plant and equipment	679	2,286
Others	(377)	(3,360)
Total	<u>\$83,967</u>	<u>(\$10,987)</u>

(32)Finance costs

Item	Year Ended December 31	
	2022	2021
Interest expense:		
Bank loans	\$2,880	\$2,194
Convertible bonds	6,914	205
Interest on lease liabilities	3,341	3,745
Less: Amount qualified for capitalization	-	-
Finance costs	<u>\$13,135</u>	<u>\$6,144</u>

(33)Income tax expense

A. Income tax expense

a.The major components of tax expense were as follows:

Current income tax	Year Ended December 31	
	2022	2021
Current tax expense	\$112,922	\$57,684
Undistributed surplus for income tax	3,225	-
Non-offset foreign tax	799	154
Adjustments in tax of prior periods	(3,848)	170
Total	<u>\$113,098</u>	<u>\$58,008</u>
Deferred income tax		
The origination and reversal of temporary differences	(\$8,271)	\$2,629
Total	<u>(\$8,271)</u>	<u>\$2,629</u>
Income tax expense	<u>\$104,827</u>	<u>\$60,637</u>

The tax rate applicable to the individuals applying the Income Tax Law of the Republic of China to the Group is 20%. In addition, the tax rate applicable to unappropriated earning is 5%. Tax rates used by other group entities operating in other jurisdictions are based on the tax laws in those jurisdictions.

b. Income tax expense recognized in other comprehensive income was as follows:

Item	Year Ended December 31	
	2022	2021
Exchange differences on translation of foreign financial statements	\$82	(\$39)
Remeasurement of defined benefit plans	248	147
Total	\$330	\$108

B. Reconciliation of income before income tax and income tax expense recognized in profit or loss was as follows:

Item	Year Ended December 31	
	2022	2021
Income before income tax	\$494,962	\$304,779
Income tax expense at the statutory rate	97,014	60,185
Tax effect of adjusting items:		
Others	10,364	(4,113)
Loss deductions	5,544	1,612
Undistributed surplus for income tax	3,225	-
Adjustment to prior year's income taxes	(3,848)	170
Non-offset foreign tax	799	154
Deferred income tax expense		
Temporary differences	(8,271)	2,629
Income tax expense recognized in profit or loss	\$104,827	\$60,637

C. Deferred tax assets and liabilities from temporary differences

Year Ended December 31, 2022

	Balance, Beginning of Year	Recognized in Profit or Loss	Recognized in Other Comprehensive Income	Effect of exchange rate	Balance, End of Year
Deferred income tax assets:					
Temporary differences					
Net defined benefit liability	\$2,395	\$ (27)	(\$248)	\$ -	\$2,120
Unrealized exchange gain	1,971	(1,964)	-	-	7
Short-term warranty provision	9,790	6,580	-	-	16,370
Unrealized loss on inventories	14,212	2,464	-	-	16,676
Unrealized loss on doubtful debts	-	1,051	-	-	1,051
Unused compensated absences	1,586	195	-	-	1,781
Unused loss deductions	5,187	(330)	-	-	4,857
Investment loss (gain) recognized under equity method	423	59	-	-	482
Others	5,406	2,029	-	-	7,435
Subtotal	\$40,970	\$10,057	(\$248)	\$ -	\$50,779
Deferred income tax liabilities:					
Temporary differences					
Unrealized exchange gain	\$ -	(\$1,892)	\$ -	\$ -	(\$1,892)
Gain on investment under equity method	(2,209)	106	(82)	-	(2,185)
Subtotal	(\$2,209)	(\$1,786)	(\$82)	\$ -	(\$4,077)
Total	\$38,761	\$8,271	(\$330)	\$ -	\$46,702

Year Ended December 31, 2021

	Balance, Beginning of Year	Recognized in Profit or Loss	Recognized in Other Comprehensive Income	Effect of exchange rate	Balance, End of Year
Deferred income tax assets:					
Temporary differences					
Net defined benefit liability	\$2,543	(\$1)	(\$147)	\$ -	\$2,395
Unrealized exchange gain	703	1,268	-	-	1,971
Short-term warranty provision	7,800	1,990	-	-	9,790
Unrealized loss on inventories	17,758	(3,546)	-	-	14,212
Unrealized loss on doubtful debts	799	(799)	-	-	-
Unused compensated absences	1,347	239	-	-	1,586
Unused loss deductions	6,773	(1,586)	-	-	5,187
Investment loss (gain) recognized under equity method	2,106	(1,683)	-	-	423
Others	4,596	810	-	-	5,406
Subtotal	\$44,425	(\$3,308)	(\$147)	\$ -	\$40,970
Deferred income tax liabilities:					
Temporary differences					
Gain on investment under equity method	(\$2,927)	\$679	\$39	\$ -	(\$2,209)
Subtotal	(\$2,927)	\$679	\$39	\$ -	(\$2,209)
Total	\$41,498	(\$2,629)	(\$108)	\$ -	\$38,761

D. Items with no deferred tax assets recognized:

	December 31	
Item	2022	2021
Deductible Temporary differences	\$26,011	\$24,285
Loss deductions	30,215	25,482
Total	\$56,226	49,767

F. The tax authorities have ratified Company's income tax returns through Year 2020.

(34)Other comprehensive income (loss)

Year Ended December 31, 2022

Item	Other Comprehensive Income (Loss), Before Tax	Income Tax Benefit (Expense)	Other Comprehensive Income (Loss), Net of Tax
Items that will not be reclassified subsequently to profit or loss:			
Remeasurement of defined benefit obligation	\$1,241	(\$248)	\$993
Unrealized gain (loss) on financial assets at FVTOCI	(27,767)	-	(27,767)
Subtotal	(\$26,526)	(\$248)	(\$26,774)
Items that may be reclassified subsequently to profit or loss:			
Exchange differences on translation of foreign financial statements	\$3,390	(\$82)	\$3,308
Subtotal	\$3,390	(\$82)	\$3,308
Recognized in other comprehensive income (loss)	(\$23,136)	(\$330)	(\$23,466)

Year Ended December 31, 2021

Item	Other Comprehensive Income (Loss), Before Tax	Income Tax Benefit (Expense)	Other Comprehensive Income (Loss), Net of Tax
Items that will not be reclassified subsequently to profit or loss:			
Remeasurement of defined benefit obligation	\$737	(\$147)	\$590
Unrealized gain (loss) on financial assets at FVTOCI	292	-	292
Subtotal	\$1,029	(\$147)	\$882
Items that may be reclassified subsequently to profit or loss:			
Exchange differences on translation of foreign financial statements	(\$543)	\$39	(\$504)
Subtotal	(\$543)	\$39	(\$504)
Recognized in other comprehensive income (loss)	\$486	(\$108)	\$378

(35) Transactions with Non-controlling Interests

1. The cash capital increase of the subsidiary, the Group did not subscribe according to the shareholding ratio, as explained below:

A. 2022:

During August 2022, the Group did not subscribe for the cash capital increase equity of the subsidiary JS E&R Engineering CO., LTD according to the shareholding ratio.

As a result, the shareholding ratio increased from 90% to 90.61%. Since the above transactions did not change the Group's control over these subsidiaries, the Group treated them as equity transactions:

	JS E&R Engineering Co., Ltd.
Cash capital increase	\$15,986
Net assets of subsidiaries calculated based on changes in relative equity	(16,214)
Recognition of changes in the ownership interests of subsidiaries	(\$228)

B. 2021:

In May 2021, the Group did not subscribe for the cash capital increase equity of the subsidiary Crystal Entec Technology Co., Ltd. according to the shareholding ratio, resulting in a decrease in the shareholding ratio from 60% to 48.27%.

However, the Group still has more than half of the board seats, and still has the substantive ability to lead the relevant activities of Crystal Entec Technology Co., Ltd., so it is still listed as a subsidiary. Since the above transactions do not change the Group's control over these subsidiaries, the Group treats them as equity transactions:

	Crystal Entec Technology Co., Ltd.
Cash capital increase	\$ -
Net assets of subsidiaries calculated based on changes in relative equity	481
Recognition of changes in the ownership interests of subsidiaries	\$481

2. Acquisition of additional interests in subsidiaries

A. 2022:

In May 2022, the Group purchased an additional 9% of the issued shares of the subsidiary E&R Semiconductor Materials Ltd. with cash of 9,871 thousand, resulting in an increase in the shareholding ratio from 81% to 90%.

Since the above transaction does not change the Group's control over the subsidiary, the Group treats it as an equity transaction:

	E&R Semiconductor Materials Ltd.
Carrying amount of acquisition of non-controlling interests	\$ 10,635
Consideration paid to non-controlling interests	(9,871)
Capital reserve	\$764
- the difference between the actual acquisition or disposal of subsidiary equity price and book value	

B. 2021:None.

(36)Earnings per share

Item	Year Ended December 31	
	2022	2021
(1) Basic earnings (loss) per share		
Net income	\$390,789	\$243,979
Weighted average shares outstanding (in thousands)	99,245	92,964
Basic earnings per share (after tax)	\$3.94	\$2.62
(2) Diluted earnings (loss) per share		
Net income	\$390,789	\$243,979
Interest of convertible bonds	5,531	164
Net income used in computation of diluted earnings per share	\$396,320	\$244,143
Weighted average shares outstanding (in thousands)	99,245	92,964
Effect of potential dilutive ordinary shares:		
Convertible bonds	7,871	1,470
Effect of employee stock options (in thousands)	570	811
Impact on employees' compensation (in thousands)	847	293
Weighted average number of ordinary shares outstanding after dilution (in thousands)	108,533	95,538
Diluted earnings per share (after tax)	\$3.65	\$2.56

7. RELATED PARTY TRANSACTIONS

(1) Parent and ultimate controlling party:

The Group has no parent and ultimate controlling party.

(2) Related party name and category: None.

(3) Significant transactions with related parties:

A. Sales: None.

B. Purchase: None.

C. Contract assets: None.

D. Contract liabilities: None.

E. Balance of receivables (excluding lending to related parties): None.

F. Balance of payables (excluding borrowing from related parties): None.

G. Prepayments: None.

H. Property transactions: None.

I. Financing activities – lending to related parties: None.

J. Financing activities - borrowing from related parties: None.

K. Guarantee for related parties: None.

L. Others: None.

(4) Key management compensation

Related Party Category	Year Ended December 31	
	2022	2021
Salaries and other short-term employee benefits	\$33,531	\$32,361
Post-employment benefits	890	571
Other long-term employee benefits	-	-
Separation benefits	-	-
Share-based payments	2,367	1,603
Total	\$36,788	\$34,535

8 、 PLEDGED ASSETS

The following assets have been pledged as collateral for long-term and short-term loans:

Item	December 31	
	2022	2021
Other financial assets - current	\$18,391	\$36,574
Other financial assets non-current	6,900	3,000
Property, plant and equipment (net)	206,889	217,388
Total	\$232,180	\$256,962

9 、 SIGNIFICANT CONTINGENT LIABILITIES AND UNRECOGNIZED COMMITMENTS

(1) As of December 31, 2022, and 2021, the Group issued guarantee notes for bank loans amounting to \$906,120 thousand and \$955,453 thousand respectively, account guarantee notes Submitted and guarantee notes payables.

- (2) As of December 31, 2022 and 2021, the time certificate provided by the group is 710 thousand, to the Kaohsiung Customs Bureau of the Ministry of Finance as a guarantee for the deposit of import and export goods.
- (3) The group applied to the Taiwan Small and Medium Enterprise Counseling Foundation, the Information Industry Promotion Association, and the Taipei Computer Association for equipment development projects. The performance guarantees provided by the banks were \$4,313 thousand and \$28,087 thousand, respectively.
- (4) As of December 31, 2022 and 2021, the unused letters of credit were as follows:

(In thousands)

Item	December 31			
	2022		2021	
Foreign L/C Amount	USD	691	USD	1,552
	JPY	-	JPY	68,783
	EUR	-	EUR	126

- (5) The note endorsement for import goods were as follows:

(In thousands)

Item	December 31			
	2022		2021	
Note endorsement	JPY	143,866	JPY	114,047
	USD	817	USD	1,263

- (6) The significant contracts signed with no major expenditure occurred yet were as follows:

Item	December 31	
	2022	2021
Property, plant and equipment	156,886	288,952

- (7) The Group signed a plant purchase contract with Zen Voce Co., Ltd. in May 2022, agreed to sell part of the floor of the new factory building of JS E&R Engineering CO., LTD, a subsidiary of the group, after the construction of the new factory building is completed. The group collected a performance bond of \$71,056 thousand in July 2022 (recognized guarantee deposits)
- (8) In order to meet the needs of long-term operation and development, the Group has been approved by the Southern Science Park Administration Bureau of the Ministry of Science and Technology to enter Qiaotou Science Park. In May 2022, the board of directors approved the lease of land in Qiaotou Science Park from the Southern Science Park Administration of the Ministry of Science and Technology to build a factory building. The Southern Science Park Administration of the Ministry of Science and Technology had transferred the land to the group in December 2022 for building factories construction.

10 、 SIGNIFICANT DISASTER LOSS: NONE.

11 、 SIGNIFICANT SUBSEQUENT EVENTS: NONE.

12 、 OTHERS

(1) Capital risk management

The Group manages its capital in a manner to ensure that it has sufficient and necessary financial resources to fund its working capital needs, capital asset purchases and debt service requirements associated with its existing operations over the next 12 months.

(2) Financial instruments

A. Financial risk of financial instruments

Financial risk management policies

The Group's activities expose to a variety of financial risks: market risk (including foreign exchange risk, interest rate risk and price risk), credit risk and liquidity risk. To lower down the related financial risk, the Group's overall risk management program focuses on the unpredictability of financial markets and seeks to minimize potential adverse effects on the Group's financial position and financial performance.

The plans for material treasury activities are reviewed by board of directors in accordance with procedures required by relevant regulations or internal controls. During the implementation of such plans, the Group Treasury function must comply with certain treasury procedures that provide guiding principles for overall financial risk management and segregation of duties.

Significant financial risks and degrees of financial risks

(A) Market risk

a. Foreign exchange rate risk

- (a) The Group is exposed to exchange rate risk arising from sales, purchases and borrowing transactions denominated in currencies other than the Group's functional currency and from net investments in foreign operations.

The Group's functional currency is mainly New Taiwan dollars.

These transactions are mainly denominated in USD, EUR, CNY and JPY. In order to avoid the decrease in the value of foreign currency assets and the fluctuation of future cash flow due to exchange rate changes, the Group uses foreign currency borrowings to avoid exchange rate risks.

The use of such financial instruments can help the Group reduce but still cannot completely eliminate the impact of foreign currency exchange rate changes.

Since the net investment in foreign operating institutions is a strategic investment, the Group does not hedge against it.

(b) Foreign currency risk and sensitivity analysis

				December 31, 2022		
(Foreign currency: Functional currency)	Foreign Currency	Exchange Rate	Carrying amount (NTD)	Sensitivity analysis		
				Range of change	Effect on profit or loss	Effects on equity
Financial assets						
Monetary item						
USD:NTD	34,755	30.71	1,067,329	increase 1%	10,673	-
JPY:NTD	662,333	0.2311	153,065	increase 1%	1,531	-
CNY:NTD	38,986	4.4094	171,904	increase 1%	1,719	-
USD:CNY	3,929	6.9648	120,648	increase 1%	1,206	-
Financial liabilities						
Monetary item						
USD:NTD	3,346	30.71	102,752	increase 1%	(1,028)	-
USD:HKD	1,915	7.7968	58,805	increase 1%	(588)	-
JPY:NTD	315,900	0.0524	73,004	increase 1%	(730)	-

December 31, 2021						
(Foreign currency: Functional currency)	Foreign Currency	Exchange Rate	Carrying amount (NTD)	Sensitivity analysis		
				Range of change	Effect on profit or loss	Effects on equity
Financial assets						
Monetary item						
USD:NTD	22,304	27.68	617,388	increase 1%	6,174	-
JPY:NTD	545,345	0.2408	131,319	increase 1%	1,313	-
CNY:NTD	14,669	4.3471	63,768	increase 1%	638	-
USD:CNY	3,026	6.3676	83,763	increase 1%	838	-
Financial liabilities						
Monetary item						
USD:NTD	3,212	27.68	88,898	increase 1%	(889)	-
USD:CNY	1,016	6.3676	28,136	increase 1%	(281)	-
USD:HKD	1,813	7.7981	50,174	increase 1%	(502)	-
JPY:CNY	319,777	0.0554	77,002	increase 1%	(770)	-

If NTD appreciates against the above-mentioned currencies, held all other variables constant, the impact generated as of December 31, 2022 and 2021

would stay the same with the reverse result. Due to the exchange rate volatility, total exchange gain and loss (including realized and unrealized) from the Group's monetary items amounted to \$93,671 thousand and (\$10,862) thousand for the years ended December 31, 2022 and 2021, respectively.

b. Price risk

Since the Group's investment in securities is classified as financial assets at FVTPL on the standalone balance sheet, the Group exposes to price risks of securities.

The Group mainly invests in domestic listed and fund equity instrument. The price of such equity instruments can be affected by changes in future value of those investment targets.

If the equity instruments price goes increase or decrease by 1%, with all other factors held constant, the net income after tax gain or loss for the years ended December 31, 2022 and 2021 will respectively increase or decrease by \$1,149 thousand and \$2,661 thousand due to gain or loss on financial assets at FVTPL. The other comprehensive income for the years ended December 31, 2022 and 2021 will increase or decrease by \$362 thousand and \$217 thousand due to gain or loss on financial assets at FVTOCI.

c. Interest rate risk

The carrying amount of the Group's financial assets and financial liabilities that are exposed to interest rate risk at the reporting date is stated as follows:

Item	Carrying Value	
	December 31, 2022	December 31, 2021
With fair value interest rate risk:		
Financial assets	\$1,204,814	\$111,289
Financial liabilities	(1,090,066)	(117,506)
Net	\$114,748	(\$6,217)
With cash flow interest rate risk:		
Financial assets	\$470,472	\$616,828
Financial liabilities	(111,030)	(86,682)
Net	\$359,442	\$530,146

(a) Sensitivity analysis of those with fair value interest rate risk:

The Group does not classify any fixed-rate financial assets and liabilities as financial assets at FVTPL and FVTOCI, derivatives (interest rate swaps) have not been designated as hedging tools under the fair value hedging accounting model. Therefore, changes in interest rates on the reporting date will not affect profit or loss and other comprehensive net income.

(b) Sensitivity analysis of those with cash flow interest rate risk:

The interest-fluctuate instruments possessed by the Group were floating-interest assets (liabilities). Therefore the effective interest rate, as well as the future cash flows, changes along with the market movement. Every one percent increase in the market interest will decrease the net profit by \$3,594 thousand and \$5,301 thousand for the years ended December 31, 2022 and 2021, respectively.

(B) Credit risk

Credit risk refers to the risk of financial loss to the Group arising from default by counter-parties of financial instruments on the contract obligations. Credit risk of the Group mainly comes from receivables under operating activities and bank deposits and other financial instruments under investing activities. Credit risks related to operation and finance risks are managed separately.

a. Business elated credit risk

To maintain the quality of accounts receivable, the Group has established the procedures for credit risk management with regards to its operations. Risk assessment on individual customer includes factors that could affect the customer's ability to pay, such as the customer's financial status, the Group's internal credit ratings, historical transactions and current economic conditions.

b. Financial credit risk

The credit risks of bank deposits and other financial instruments are measured and monitored by the Group's financial departments. The Group does not expect significant credit risk because the counterparties are creditworthy and investment-graded financial institutions, companies and government agencies without any significant default concerns. In addition, the Group does not have any debt instrument investments that are either measured at amortized cost or at FVTOCI.

(a) Credit concentration risk

As of December 31, 2022 and 2021 the top ten clients accounted for 44% and 39% of the Group's accounts receivable, indicating a credit concentration risk. However, no significant credit concentration risk was shown from the remaining accounts receivables.

(b) Measurement of expected credit impairment loss:

(I) Accounts receivables and contract assets apply the simplified approach. Please refer to Note 6.(4) for details.

(II)Indications for determining whether the credit risk is increased significantly: None (the Group does not have any debt instrument investments that are either measured at amortized cost or at FVTOCI).

(c) Collaterals and other credit enhancement held to avoid credit risks from financial assets:

The following table shows the maximum exposure to credit risk regarding financial assets recognized in the standalone balance sheets, pledged collateral, master netting arrangements and other credit enhancement held by the Group:

	Carrying amount	Decreased amount of maximum exposure to credit risks			
		Collateral	Net settlement agreement	Other credit enhancement	Total
December 31, 2022					
Credit-impaired financial instruments to which impairment requirements of IFRS 9 are applicable	\$4,034	\$ -	\$ -	\$ -	\$ -
Financial instruments to which the impairment requirements of IFRS 9 are not applicable:					
Financial assets at FVTPL	114,943	-	-	-	-
Financial assets at FVTOCI	36,181	-	-	-	-
Total	\$ 155,158	\$ -	\$ -	\$ -	\$ -

	Carrying amount	Decreased amount of maximum exposure to credit risks			
		Collateral	Net settlement agreement	Other credit enhancement	Total
December 31, 2021					
Financial instruments to which the impairment requirements of IFRS 9 are not applicable					
Financial assets at FVTPL	\$266,148	\$ -	\$ -	\$ -	\$ -
Financial assets at FVTOCI	21,745	-	-	-	-
Total	\$287,893	\$ -	\$ -	\$ -	\$ -

(C) Liquidity risk

a. Liquidity risk management:

The Group's objective in managing liquidity risk is to maintain a sufficient level of cash and cash equivalents, highly-liquid marketable securities and credit lines with banks for daily operations in order to ensure the financial flexibility of the Group.

b. Financial Liabilities Maturity Analysis :

Non-derivative financial liabilities :	December 31, 2022						
	Within 6 months	7-12 months	1-2 years	2-5 years	Over 5 years	Contractual cash flow	Carrying amount
Short-term loans	\$ -	\$4,500	\$ -	\$ -	\$ -	\$4,500	\$4,500
Notes payable	6,844	-	-	-	-	6,844	6,844
Accounts payable	315,327	-	-	-	-	315,327	315,327
Other payables	153,885	80,051	-	-	-	233,936	233,936
Long-term loans (including current portion)	8,335	8,464	16,850	42,187	30,694	106,530	106,530
Bonds payable	-	-	-	1,000,000	-	1,000,000	931,470
Lease liabilities	16,465	16,143	31,940	29,159	94,689	188,396	158,596
Total	<u>\$500,856</u>	<u>\$109,158</u>	<u>\$48,790</u>	<u>\$1,071,346</u>	<u>\$125,383</u>	<u>\$1,855,533</u>	<u>\$1,757,203</u>
Derivative financial liabilities :							
Financial liabilities at FVTPL-non-current	\$ -	\$ -	\$ -	\$19,800	\$ -	\$19,800	\$19,800
Total	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$19,800</u>	<u>\$ -</u>	<u>\$19,800</u>	<u>\$19,800</u>

Further information for lease liabilities with repayment periods was as follows:

	Within 1 year	1-5 years	5-10 years	10-15 years	15-20 years	Over 20 years	Undiscounted payments
Lease liabilities	\$32,608	\$61,099	\$28,947	\$29,852	\$28,053	\$7,837	\$188,396

Non-derivative financial liabilities :	December 31, 2021						
	Within 6 months	7-12 months	1-2 years	2-5 years	Over 5 years	Contractual cash flow	Carrying amount
Short-term loans	\$9,882	\$8,300	\$ -	\$ -	\$ -	\$18,182	\$18,182
Notes payable	9,532	-	-	-	-	9,532	9,532
Accounts payable	521,924	-	-	-	-	521,924	521,924
Other payables	133,775	31,665	-	-	-	165,440	165,440
Long-term loans (including current portion)	6,146	6,198	12,553	16,445	27,158	68,500	68,500
Bonds payable	-	-	18,000	-	-	18,000	17,913
Lease liabilities	13,521	12,609	25,326	36,170	28,901	116,527	99,593
Total	<u>\$694,780</u>	<u>\$58,772</u>	<u>\$55,879</u>	<u>\$52,615</u>	<u>\$56,059</u>	<u>\$918,105</u>	<u>\$901,084</u>

Further information for lease liabilities with repayment periods was as follows: :

	Within 1 year	1-5 years	5-10 years	10-15 years	15-20 years	Over 20 years	Undiscounted payments
Lease liabilities	\$26,130	\$61,496	\$8,490	\$6,696	\$4,898	\$8,817	\$116,527

The Group does not expect that the occurrence point of cash flow in maturity analysis will be significantly earlier or the actual amount will be significantly different.

B. Types of Financial instruments

	December 31	
	2022	2021
<u>Financial assets</u>		
Financial assets at amortized cost		
Cash and cash equivalents	\$1,064,828	\$664,939
Notes receivable and account receivable	774,830	750,627
Other receivables	9,184	11,013
Other financial assets - current	605,852	61,746
Other financial assets - non-current	6,900	3,000
Refundable deposits	12,700	14,531
Financial assets at FVTPL - current	114,943	266,148
Financial assets at FVTOCI - non-current	36,181	21,745
<u>Financial liabilities</u>		
Financial liabilities at amortized cost		
Short-term loans	4,500	18,182
Notes payable and account payables	322,171	531,456
Other payables	233,936	165,440
Long-term loans (including current portion)	106,530	68,500
Bonds payable (including current portion)	931,470	17,913
Lease liabilities (including current portion)	158,596	99,593
Financial liabilities at FVTPL – non-current	19,800	-

(3) Fair Value Information:

A. For information on fair value of financial assets and financial liabilities not measured at fair value, please refer to Note 12(3) C.

B. Definition of the three levels in fair value:

Level 1:

Quoted prices in active markets for identical assets or liabilities that the entity can access at the measurement date. A market is regarded as active where a market in which transactions for the asset or liability take place with sufficient frequency and volume to provide pricing information on an ongoing basis. The fair value of the group's investment in listed stocks, beneficiary certificates, Taiwan Central Government Bonds, which are popular bonds and fair value of derivatives with public quotations in an active market is included in Level 1.

Level 2:

Inputs other than quoted prices included within Level 1 that are observable for the asset or liability, either directly or indirectly. Government bonds that are not popular, corporate bonds, financial bonds, convertible corporate bonds and most of the derivatives that the group invests is included in Level 2.

Level 3:

Unobservable inputs for the asset or liability. The fair value of the Group's investment in certain derivative instruments, equity investment without active market and investment property is included in Level 3.

C. Financial instruments not measured at fair value:

Management of the Group thinks that the carrying amount of financial instruments not measured at fair value, except those listed in the table below, including cash and cash equivalents, accounts receivables, other financial assets, refundable deposits, short term loans, accounts payable, lease liabilities, long-term loans (including current portion) and carrying amount of other financial liabilities, is the reasonable approximation of their fair value.

December 31, 2022				
Item	Carrying amount	Fair value		
		Level 1	Level 2	Level 3
Financial Liabilities:				
Bonds payable	\$931,470	\$1,050,000	\$ -	\$ -

December 31, 2021				
Item	Carrying amount	Fair value		
		Level 1	Level 2	Level 3
Financial Liabilities:				
Bonds payable	\$17,913	\$33,840	\$ -	\$ -

D. Fair value hierarchy:

The fair value hierarchy of financial instrument is measured at fair value on a recurring basis. Information about the Group's fair value hierarchy was disclosed in the following table:

Item	December 31, 2022			
	Level 1	Level 2	Level 3	Total
Assets:				
<u>Recurring fair value</u>				
Financial assets at FVTPL				
Non-derivative financial assets held for trading	\$114,943	\$ -	\$ -	\$114,943
Financial assets measured at FVTOCI				
Domestic unlisted stocks	-	-	15,016	15,016
Domestic listed stocks	21,165			21,165
Total	<u>\$136,108</u>	<u>\$ -</u>	<u>\$15,016</u>	<u>\$151,124</u>
Liabilities:				
<u>Recurring fair value</u>				
Financial liabilities at FVTPL				
Sell back option	\$ -	\$19,800	\$ -	\$19,800

Item	December 31, 2021			
	Level 1	Level 2	Level 3	Total
Assets:				
<u>Recurring fair value</u>				
Financial assets at FVTPL				
Non-derivative financial assets held for trading	\$266,074	\$ -	\$ -	\$266,074
Redemption and sell back option	-	74	-	74
Financial assets measured at FVTOCI				
Domestic listed stocks	21,745	-	-	21,745
Total	<u>\$287,819</u>	<u>\$74</u>	<u>\$ -</u>	<u>\$287,893</u>

E. Fair value valuation technique for instruments measured at fair value:

(A) The fair value of financial instruments with quoted prices in active markets is the quoted market prices. Market prices published by major trading centers and exchanges for on-the-run government bonds are the basis for the fair value of listed equity instruments and debt instruments with quoted prices in active

markets. A market is regarded as active if quoted prices are readily and regularly available from an exchange, dealer, broker, industry guild, pricing service or regulatory agency, and those prices represent actual and regularly occurring market transactions on an arm's length basis. If one of the conditions fails, the market is not deemed active. In general, indications of an inactive market include a wide bid-ask spread, a significant increase in the bid-ask spread and low level of trading volume. The fair value of financial instruments with active markets held by the Group are stated by their natures and types as follows:

- a. Listed stocks: closing prices.
- b. closed-end fund : closing prices.
- c. Open-end funds: net worth.
- d. government bonds: final price.
- e. corporate bonds : Weighted average price of \$100. °
- f. Convertible (exchangeable) corporate bonds: closing price.

- (B) Except for the above-mentioned financial instruments with active markets, the fair values of other financial instruments are obtained by evaluation techniques or by referring to quotations from counterparties. The fair value obtained through evaluation techniques can refer to the current fair value of other financial instruments with substantially similar conditions and characteristics, discounted cash flow method or other evaluation techniques. Including calculations based on market information available at the balance sheet date using models.
- (C) The evaluation of derivative financial instruments is based on evaluation models widely accepted by market users, such as discount method and option pricing model. Forward foreign exchange contracts are usually evaluated based on the current forward exchange rate. Structural interest rate derivative financial instruments are based on appropriate option pricing models (such as Black-Scholes model) or other evaluation methods, such as Monte Carlo simulation.
- (D) The output of the evaluation model is an estimated value, and the evaluation technology may not reflect all the relevant factors of the financial instruments and non-financial instruments held by the group. Therefore, the estimated value of the evaluation model will be appropriately adjusted according to additional parameters, such as model risk or liquidity risk. According to the group's fair value evaluation model management policy and related control procedures, the management believes that in order to fairly express the fair value of financial instruments and non-financial instruments in the balance sheet, evaluation adjustments are appropriate and necessary.

F. Transfers between Level 1 and Level 2 fair value hierarchy: None.

G. Statement of changes in Level 3 fair value hierarchy

Item	Investment in unquoted financial instruments	
	2022	2021
Balance at January 1	\$ -	\$ -
Additions	41,000	-
Recognized in profit and loss	-	-
Recognized in other comprehensive income	(25,984)	-
Balance at December 31	\$15,016	\$ -

H. Quantitative information for fair value measurement of significant unobservable inputs (Level 3):

The fair value of unlisted (counter) group stocks held by the group without an active market is mainly estimated by the market method, and its judgment is based on the evaluation of similar companies, the group's net worth and operating conditions.

The significant unobservable input values used in fair value measurement are listed in the following table:

2022:

Item	evaluation technique	Significant unobservable input value	Interval	Relationship between input value and fair value
Financial assets at FVTOCI - stocks	market approach	Lack of Liquidity Discount Rate	25.95%	The higher the liquidity discount, the lower the fair value estimate

2021: None.

I. Fair value is classified into level 3 evaluation process:

The group's evaluation process for the classification of fair value into the third level uses independent source data to make the evaluation results closer to market conditions, confirm that the source of information is independent, reliable and consistent with other resources and represent executable prices, and regularly calibrate the evaluation model, conduct back testing, update the input values and data required for the evaluation model, and make any other necessary fair value adjustments to ensure that the evaluation results are reasonable.

(4) Transfer of financial assets: None.

(5) Offset of financial assets and liabilities: None.

13. SUPPLEMENTARY DISCLOSURES

(1) Significant transactions information(Before consolidation)

- A. Financings provided: Table 1
- B. Endorsement/guarantee provided: Table 2
- C. Marketable securities held: Table 3
- D. Marketable securities acquired and disposed of at costs or prices of at least NT\$300 million or 20% of the paid-in capital: None.
- E. Acquisition of individual real estate properties at costs of at least NT\$300 million or 20% of the paid-in capital: None.
- F. Disposal of individual real estate properties at prices of at least NT\$300 million or 20% of the paid-in capital: None.
- G. Total purchases from or sales to related parties of at least NT\$100 million or 20% of the paid-in capital: Table 4.
- H. Receivables from related parties amounting to at least NT\$100 million or 20% of the paid-in capital: None. °
- I. Information about the derivative financial instruments transaction: None.
- J. The business relationship and important transactions between the parent company and the subsidiary company: Table 5.

(2) Information on investees: Table 6.

(3) Information on investments in Mainland China: Table 7.

(4) Information on major shareholders (including name of the shareholders with shareholding above 5%, shares held and shareholding ratio): Table 8.

Table 1

E&R ENGINEERING CO., LTD AND SUBSIDIARIES

Financings provided

DECEMBER 31, 2022

(Amounts in Thousands of New Taiwan Dollars
and Foreign Currencies)

No.	Financing Company	Counter-party	Financial Statement Account	Related Party	Maximum Balance for the Period	Ending Balance	Amount Actually Drawn	Interest Rate	Nature for Financing (Note 3)	Transaction Amounts	Reason for Financing	Allowance for Bad Debt	Collateral		Financing Limits for Each Borrowing Company (Note 1)	Financing Company's Total Financing Amount Limits (Note 2)
													Item	Value		
0	E&R Engineering Co., LTD	Wuxi E&R Semiconductor Material Technology	Other receivables - related parties (Note 4)	Yes	27,022 (JPY 116,930)	27,022 (JPY 116,930)	27,022 (JPY 116,930)	-	1	56,261 (Note 5)	-	-	-	-	1,026,626	1,026,626
		JS E&R Engineering CO., LTD	Other receivables - related parties	Yes	122,840 (USD 4,000)	122,840 (USD 4,000)	-	-	2	-	Operating capital	-	-	-	1,026,626	1,026,626
		JS E&R Engineering CO., LTD	Other receivables - related parties (Note 4)	Yes	9,832 (USD 93 ; RMB 1,582)	9,832 (USD 93 ; RMB 1,582)	9,832 (USD 93 ; RMB 1,582)	-	1	24,796	-	-	-	-	1,026,626	1,026,626

Note 1. The company and Subsidiaries' financing limits for each borrowing company:

Shall not exceed 40% of the Company's net worth.

Note 2. The maximum balance of financing activities to the company and subsidiaries': Shall not exceed lending company's net worth 40%.

Note 3. The code represents the nature of financing activities as follows:

■ Related to trading partner is "1".

■ Short-term financing is "2".

Note 4. In principle, the Company tries to handle payment collection for goods sold by related parties in accordance with the payment collection policy for the same transaction with non-related parties. However, if the above-mentioned policies cannot be implemented due to insufficient funds of the related party or due to losses, the company will fully support the operation of the subsidiary to implement the company's mainland market business goals as a more important consideration. The company has also transferred the overdue accounts receivable from Wuxi E&R and JS E&R to other receivables, amounting to \$27,022 thousand and \$9,832 thousand.

Note 5. For Wuxi E&R's purchase of raw materials, the company lists it as a collection and payment process and does not purchases and sales.

Note 6. The above parent-subsidiary transactions have been reversed.

Table 2

E&R ENGINEERING CO., LTD AND SUBSIDIARIES
ENDORSEMENTS/GUARANTEES PROVIDED
DECEMBER 31, 2022

(Amounts in Thousands of New Taiwan Dollars and Foreign Currencies)

No.	Endorsers	Endorsee		Endorsement Limit for a Single Entity (Note 2)	Highest Balance During the Period	Ending Balance	Actual Amount Drawn	Balance Secured by Collaterals	Ratio of Accumulated Amount to net Worth of the Company	Maximum Amount of Endorsement (Note 3)	Provision of Endorsements by Parent Company to Subsidiary	Provision of Endorsements by Subsidiary to Parent Company	Provision of Endorsements to the Party in Mainland China
		Name of endorsee	Relationship (Note 1)										
0	E&R Engineering Co., LTD	Tech Wave Technology Co., Ltd	2	513,313	20,000	20,000	4,500	-	0.78%	1,283,282	Y	-	-
		JS E&R Engineering CO., LTD	2	769,969	61,420 (USD 2,000)	61,420 (USD 2,000)	-	-	2.39%	1,283,282	Y	-	Y

Note1 : The following code represents the relationship with the Company :

- (1) Trading partner.
- (2) Majority owned subsidiary
- (3) The Company direct and indirect owns over 50% ownership of the investee company.
- (4) A subsidiary jointly owned over 90% by the Company
- (5) Guaranteed by the Company according to the construction contract.
- (6) An investee company. The guarantees were provided based on the Company's proportionate share in the investee company.
- (7) Joint and several guaranteed by the Company according to the pre-construction contract under Consumer protection Act.

Note 2 : Endorsements/guarantees provided by the Company to a single enterprise and a single foreign affiliate shall not exceed 20% and 30% of the Company's net worth, respectively.

Note 3 : The maximum amount of the endorsements/guarantees provided by the Company shall not exceed 50% of the Company's net worth.

Table 3

E&R ENGINEERING CO., LTD AND SUBSIDIARIES
MARKETABLE SECURITIES HELD
DECEMBER 31, 2022

(Amounts in Thousands of New Taiwan Dollars: thousand shares)

Investor	Type and Name of Securities	Relationship with the Issuer	General Ledger Account	Ending balance				Remarks
				Number of Shares (in thousands)	Carrying Value	Percentage of Ownership	Fair Value	
E&R Engineering Co., LTD	Stock – Fubon Financial	-	Financial assets at FVTPL - current	7	414	-	414	
	ETF-Fubon Metaverse	-	Financial assets at FVTPL - current	600	4,716	-	4,716	
	Fund – Allianz Global InvestorsB	-	Financial assets at FVTPL - current	620	4,339	-	4,339	
	Fund – TACB currency market	-	Financial assets at FVTPL - current	9,732	100,235	-	100,235	
	Fund – Cathay US Premium Bond Fund	-	Financial assets at FVTPL - current	298	2,940	-	2,940	
	Corporate bonds – JMC1	-	Financial assets at FVTPL - current	12	1,204	-	1,204	
	Corporate bonds – FUSHENG PRECISION 1	-	Financial assets at FVTPL - current	10	1,095	-	1,095	
		Total			114,943		114,943	
	preferred stock – Fubon Financial Preferred B Share	-	Financial assets at FVTOCI – non-current	144	8,280	-	8,280	
	preferred stock – Fubon Preferred Share	-	Financial assets at FVTOCI – non-current	50	3,020	-	3,020	
	preferred stock – Fubon Preferred C Share	-	Financial assets at FVTOCI – non-current	179	9,865	-	9,865	
	Stock - Shyawei Optonics Corporation	-	Financial assets at FVTOCI – non-current	1,640	15,016	-	15,016	
		Total			36,181		36,181	

Table 4

E&R ENGINEERING CO., LTD AND SUBSIDIARIES
TOTAL PURCHASES FROM OR SALES TO RELATED PARTIES OF AT LEAST NT\$100 MILLION OR 20% OF THE PAID-IN CAPITAL
Year Ended December 31, 2022

(Amounts in Thousands of New Taiwan Dollars)

Company Name	Counter-party	Relationships	Transaction Details				Abnormal Transaction		(Notes/Accounts Payable) Or Receivable		Remarks
			Purchases/ Sales	Amount	% to Total	Payment Terms	Unit Price	Payment Terms	Ending Balance	% to Total	
DG E&R Semiconductor Materials	E&R Semiconductor Materials Ltd.	Parent-subsidary	Sales	150,781	75.28%	270 days	There is no similar type of transaction for comparison, and the agreed price will be handled	60-120 days	58,262	83.23%	

Note. The above parent-subsidary transactions have been reversed.

Table 5

E&R ENGINEERING CO., LTD AND SUBSIDIARIES
INTERCOMPANY RELATIONSHIPS AND SIGNIFICANT INTERCOMPANY TRANSACTIONS
DECEMBER 31, 2022

(Amounts in Thousands of New Taiwan Dollars)

No. (Note 1)	Company Name	Counterparty	Nature of Relation ship (Note 2)	Intercompany Transactions			
				Account	Amount	Terms	Percentage of Consolidated Net Revenue or Total Assets (Note 3)
0	E&R ENGINEERING CO., LTD	Wuxi E&R Semiconductor Material Technology	1	Accounts receivable	56,587 (Note 4)	The remaining transactions between the parent and subsidiaries are with no similar transactions. The trading conditions are negotiated by engaging parties. The payment terms were within 270 days.	1.19%
		GAIN PROFIT HOLDING LIMITED	1	Accounts receivable	26,074 (Note 4)	The remaining transactions between the parent and subsidiaries are with no similar transactions. The trading conditions are negotiated by engaging parties. The payment terms were within 270 days.	0.55%
		JS E&R Engineering CO., LTD	1	Sales revenues	16,215	The remaining transactions between the parent and subsidiaries are with no similar transactions. The trading conditions are negotiated by engaging parties. The payment terms were within 270 days.	0.50%
				Accounts receivable	16,557		0.35%
		Wuxi E&R Semiconductor Material Technology	1	Sales revenues	27,022	(Note 5)	0.57%
1	DG E&R Semiconductor Materials	E&R Semiconductor Materials Ltd	2	Sales revenues	150,781	The remaining transactions between the parent and subsidiaries are with no similar transactions. The trading conditions are negotiated by engaging parties. The payment terms were within 270 days.	4.68%
				Accounts receivable	58,262		1.23%

No. (Note 1)	Company Name	Counterparty	Nature of Relation ship (Note 2)	Intercompany Transactions			
				Account	Amount	Terms	Percentage of Consolidated Net Revenue or Total Assets (Note 3)
2	GAIN PROFIT HOLDING LIMITED	DG E&R Semiconductor Materials	3	Sales revenues Accounts receivable	73,912 28,129	The remaining transactions between the parent and subsidiaries are with no similar transactions. The trading conditions are negotiated by engaging parties. The payment terms were within 270 days.	2.29% 0.59%
3	Chen-Tai Trade (shanghai) Co., Ltd	E&R ENGINEERING CO., LTD.	2	Sales revenues	13,831	(Note 6)	0.43%
4	JS E&R Engineering CO., LTD	E&R ENGINEERING CO., LTD	2	Sales revenues	24,796	(Note 5)	0.77%

Note 1: The description of the number column is as follows:

- (1) The issuer is represented in 0.
- (2) The investee company is numbered sequentially from Arabic numeral 1. °

Note 2: There are three types of relationships with traders. The type of mark is as follows:

- (1) No. 1 represents the transactions from parent company to subsidiary.
- (2) No. 2 represents the transactions from subsidiary to parent company.
- (3) No. 3 represents the transactions between subsidiaries.

Note 3: The ratio of transaction amount to consolidated revenues or total assets is calculated as follows:

- (1) asset/liability items: ending balance to total assets;
- (2) profit and loss items: accumulated amount to consolidated revenues.

Note 4: For subsidiaries purchase of raw materials, the company lists it as a collection and payment process and does not purchases and sales.

Note 5: The overdue accounts receivable.

Note 6: Mainly revenues from technical service, etc.

Note 7: The above-mentioned parent-subsidiary transactions have been eliminated.

Table 6

E&R ENGINEERING CO., LTD AND SUBSIDIARIES

Information on investees

DECEMBER 31, 2022

(Amounts in Thousands of New Taiwan Dollars, Shares and Foreign Currencies)

Investor Company	Investee Company	Location	Main Businesses and Product	Original Investment Amount		Balance as of December 31, 2022			Shareholding ratio x net value of the invested company at the end of the period	Net Income (Loss) of the Investee	Share of Profit/Loss of Investee	Dividend distribution of the investee company in the current period		Remark
				As of December 31, 2022	As of December 31, 2021	Shares	Percentage of Ownership	Carrying Value				stock dividend	cash dividend	
E&R Engineering Co., LTD	Tech Wave Technology Co., Ltd	New Taipei	Flexible circuit board manufacturing, processing and trading	23,000	23,000	2,500	51.43%	26,349	26,349	2,519	1,295	-	-	-
	E&R Semiconductor Materials Ltd	Hong Kong	Semiconductor packaging material buying and selling	79,639 (HKD19,042)	69,767 (HKD16,425)	13,500	90.00%	102,364	102,364	(1,271)	(1,057)	-	-	-
	ENRICHMENT TECH. CORPORATION	Samoa	investment holding	145,333 (USD 4,186+ NTD18,589)	145,333 (USD 4,186+ NTD18,589)	8,290	100%	62,878	63,365	353	519	-	-	-
	Crystal Entec Technology Co., Ltd	Kaohsiung	Electronic material processing	10,860	10,860	1,086	48.27%	6,522	6,522	(1,226)	(592)	-	-	-
	EXCELLENT INTERNATIONAL HOLDING LIMITED	British Virgin Islands	investment holding	286,430 (USD9,709)	94,883 (USD3,194)	9,709	100%	246,951	250,983	(9,575)	(9,575)	-	-	-
E&R Semiconductor Materials Ltd	GAIN PROFIT HOLDING LIMITED	Samoa	Semiconductor packaging material buying and selling	3 (HKD 1)	3 (HKD 1)	-	100%	(3,031) (HKD-769)	1,866 (HKD474)	2 (HKD1)	(1,767) (HKD-465)	-	-	-
ENRICHMENT TECH. CORPORATION	ENR APPLIED PACKING MATERIAL CORPORATION	Samoa	investment holding	116,979 (USD3,886)	116,979 (USD3,886)	10,755	100%	51,371 (USD1,673)	51,371 (USD1,673)	11,414 (USD 384)	11,414 (USD 384)	-	-	-

Note : The above-mentioned parent-subsiary transactions have been eliminated.

Table 7

E&R ENGINEERING CO., LTD AND SUBSIDIARIES
Information on investments in Mainland China
DECEMBER 31, 2022

(Amounts in Thousands of New Taiwan Dollars, Shares and Foreign Currencies)

Investee Company	Main Businesses and Products	Total Amount of Paid-in Capital	Method of Investment (Note 1)	Accumulated Outflow of Investment from Taiwan as of January 1, 2022	Investment Flows		Accumulated Outflow of Investment from Taiwan as of December 31, 2022	Net Income (Loss) of the Investee Company	Percentage of Ownership	Share of Profit/Loss (Note 2)	Carrying Amount as of December 31, 2022	Accumulated Inward Remittance of Earnings as of December 31, 2022
					Outflow	Inflow						
DG E&R Semiconductor Materials	Production and sales of semiconductor packaging materials	HKD 28,180 (Note 1)	(2)	89,907 (HKD22,826)	9,989 (HKD2,536)	-	99,896 (HKD 25,362)	1,875 (HKD 493)	90%	1,687 (HKD444) (2).2	101,491 (HKD 25,767)	-
Wuxi E&R Semiconductor Material Technology	Production and sales of semiconductor packaging materials	USD 5,000 (Note 2)	(2)	156,007 (USD 5,080)	-	-	156,007 (USD 5,080)	11,414 (USD 384)	100%	11,414 (USD 384) (2).2	51,313 (USD 1,671)	-
Chen-Tai Trade (shanghai) Co., Ltd	Automation equipment after-sales service	USD 500	(2)	15,355 (USD 500)	-	-	15,355 (USD 500)	(7,433) (USD -250)	100%	(7,433) (USD -250) (2).2	12,164 (USD 396)	-
Suzhou E&R Precision Equipment Co., Ltd	Production and sales of Automation equipment	USD 1,000	(2)	30,710 (USD 1,000)	-	-	30,710 (USD 1,000)	(3,628) (USD -122)	100%	(3,628) (USD -122) (2).2	1,596 (USD 52)	-
JS E&R Engineering CO., LTD	Production and sales of Automation equipment	RMB 71,900	(2)	95,684 (RMB 21,700)	191,588 (RMB 43,450)	-	287,272 (RMB 65,150)	(10,603) (USD -356)	90.61%	(9,575) (USD -322) (2).2	250,983 (USD 8,173)	-

Accumulated Investment in Mainland China as of December 31, 2022	Investment Amounts Authorized by Investment Commission, MOEA	Upper Limit on Investment
99,896(HKD 25,362) (Note 3)	99,896(HKD 25,362) (Note 1)	(Note 4)
156,007(USD 5,080) (Note 3)	161,442(USD 5,257) (Note 2)	
15,355(USD 500) (Note 3)	15,355(USD 500)	
30,710(USD 1,000) (Note 3)	30,710(USD 1,000)	
287,272(RMB 65,150) (Note 3)	397,507(RMB 90,150)	

(Note 1) The company's investment in DG E&R Semiconductor Materials is reinvested through E&R Semiconductor Materials Ltd. Hong Kong's investment in DG E&R Semiconductor Materials includes fixed asset valuation investment and cash investment, with a total of HKD\$28,180 thousand. In addition, the company purchased additional shares in E&R Semiconductor Materials Ltd (Hong Kong) in May 2022, which increased the company's indirect shareholding in DG E&R Semiconductor Materials from 81% to 90%. Therefore, the company's investment amount in mainland China is calculated as HKD\$25,443 thousand based on the shareholding ratio.

(Note 2) The company's investment in Wuxi E&R Semiconductor Material Technology is through ENRICHMENT TECH.CORPORATION's investment in ENR APPLIED PACKING MATERIAL CORPORATIO, then the company will reinvest in Wuxi E&R Semiconductor Material Technology, ENR APPLIED PACKING MATERIAL CORPORATION's investment in Wuxi E&R Semiconductor Material Technology includes fixed asset valuation investment and cash investment of USD\$5,080 thousand (the actual capital verification capital is USD\$5,080 thousand, and the company's registered capital is USD\$5,000 thousand).

(Note 3) The accumulative investment amount remitted from Taiwan to the mainland at the end of the period is calculated based on the company's paid-in capital of the mainland investee company and the shareholding ratio of direct or indirect investment.

(Note 4) Enterprises operating headquarters approved by the Ministry of Economic Affairs are not subject to restrictions on the amount or ratio.

(Note 1) The investment methods are divided into the following three types:

- (1) Investing directly to the Mainland China
- (2) Reinvesting in the Mainland China through third-region companies (please refer to Table 6)
- (3) Others.

(Note 2) In the current period, the investment profit and loss column is recognized:

- (1) If during incorporation with no investment income or loss, it should be indicated;
- (2) The basis for recognition of investment gains and losses divided into the following three types, which should be indicated:
 1. Audited financial statements by international accounting firms with cooperation relationship with accounting firms in the Republic of China.
 2. Audited financial statements by parent company's auditors.
 3. Others.

(2) The company's major transactions with mainland investee companies in 2022 are listed as follows:

1. Loans provided with mainland investment company: refer to Table 1 attached in Note 13.
2. Endorsements / guarantees with mainland investment company: refer to Table 2 attached in Note 13.
3. Significant transactions with mainland investment company: refer to Table 4 attached in Note 13.

(3) The above-mentioned parent-subsidiary transactions have been eliminated.

Table 8

E&R ENGINEERING CO., LTD
 INFORMATION ON MAJOR SHAREHOLDERS
 DECEMBER 31, 2022

Name of Production and sales of Automation equipment Major Shareholder	Number of Shares	Percentage of Ownership (%)
None	-	-

Note: The information of major shareholders is based on the number of ordinary shares and preferred shares held by shareholders with ownership of 5% or greater, that have been issued without physical registration (included treasury shares) by the Company as of December 31, 2022. The share capital in consolidated financial report may differ from the actual number of shares that have been issued without physical registration because of different preparation basis.

14. SEGMENT INFORMATION

(1) General information

For management purpose, the Group's reportable segments are listed as follows:

A.Automation Equipment: Mainly engaging in production and sales of automation equipment.

B.Flexible Circuit Board: Mainly engaging in flexible circuit board manufacturing, processing and trading .

C.Semiconductor Packing Materials: Mainly engaging in manufacturing and sales of semiconductor packaging materials

D.Other: Mainly engaging in investment holding and electronic material processing .

(2) Measurement basis

The Group uses profit before income tax as the measurement for segment profit and the basis of performance assessment. There was no material inconsistency between the accounting policies of the operating segment and the accounting policies described in Note 4.

(3) Segment financial information

(In thousands)

Year Ended December 31, 2022	Automation Equipment	Flexible Circuit Board	Semiconductor Packaging Materials	Other	Elimination	Total
Sales from external customers	\$2,771,212	\$68,820	\$379,210	\$3,756	\$ -	\$3,222,998
Sales among inter-segment	62,426	435	234,366	152	(297,379)	-
Total sales	\$2,833,638	\$69,255	\$613,576	\$3,908	(\$297,379)	\$3,222,998
Operating profit (loss)	\$396,130	\$2,135	\$5,255	(\$1,833)	\$2,071	\$403,758
Segment assets	\$ -	\$ -	\$ -	\$ -	\$ -	\$4,738,590
Segment liabilities	\$ -	\$ -	\$ -	\$ -	\$ -	\$2,102,771

(In thousands)

Year Ended December 31, 2021	Automation Equipment	Flexible Circuit Board	Semiconductor Packaging Materials	Other	Elimination	Total
Sales from external customers	\$2,048,634	\$98,464	\$393,990	\$3,694	\$ -	\$2,544,782
Sales among inter-segment	67,550	332	277,246	548	(345,676)	0
Total sales	\$2,116,184	\$98,796	\$671,236	\$4,242	(\$345,676)	\$2,544,782
Operating profit (loss)	\$297,253	\$14,385	\$1,876	(\$4,850)	\$3,505	\$312,169
Segment assets	\$ -	\$ -	\$ -	\$ -	\$ -	\$3,624,352
Segment liabilities	\$ -	\$ -	\$ -	\$ -	\$ -	\$1,199,198

(4) Production and service information: No disclosure required for only single industry in the Group.

(5) Geographic information:

A. Sales from external customers

Area	Year Ended December 31	
	2022	2021
Taiwan	\$1,071,432	\$643,713
Hong Kong & China	928,513	1,131,844
Southeast Asia	904,314	490,785
Americas	280,791	138,022
Europa	10,470	58,466
Others	27,478	81,952
Total	<u>\$3,222,998</u>	<u>\$2,544,782</u>

B. Noncurrent assets

Area	Year Ended December 31	
	2022	2021
Taiwan	\$500,764	\$433,289
Hong Kong & China	272,548	149,036

(6) Major customers:

Related Party Category	Year Ended December 31, 2022	
	Amount	Percentage of sales
Customer A	\$549,301	17.04%

Related Party Category	Year Ended December 31, 2021	
	Amount	Percentage of sales
Customer A	\$220,434	8.66%